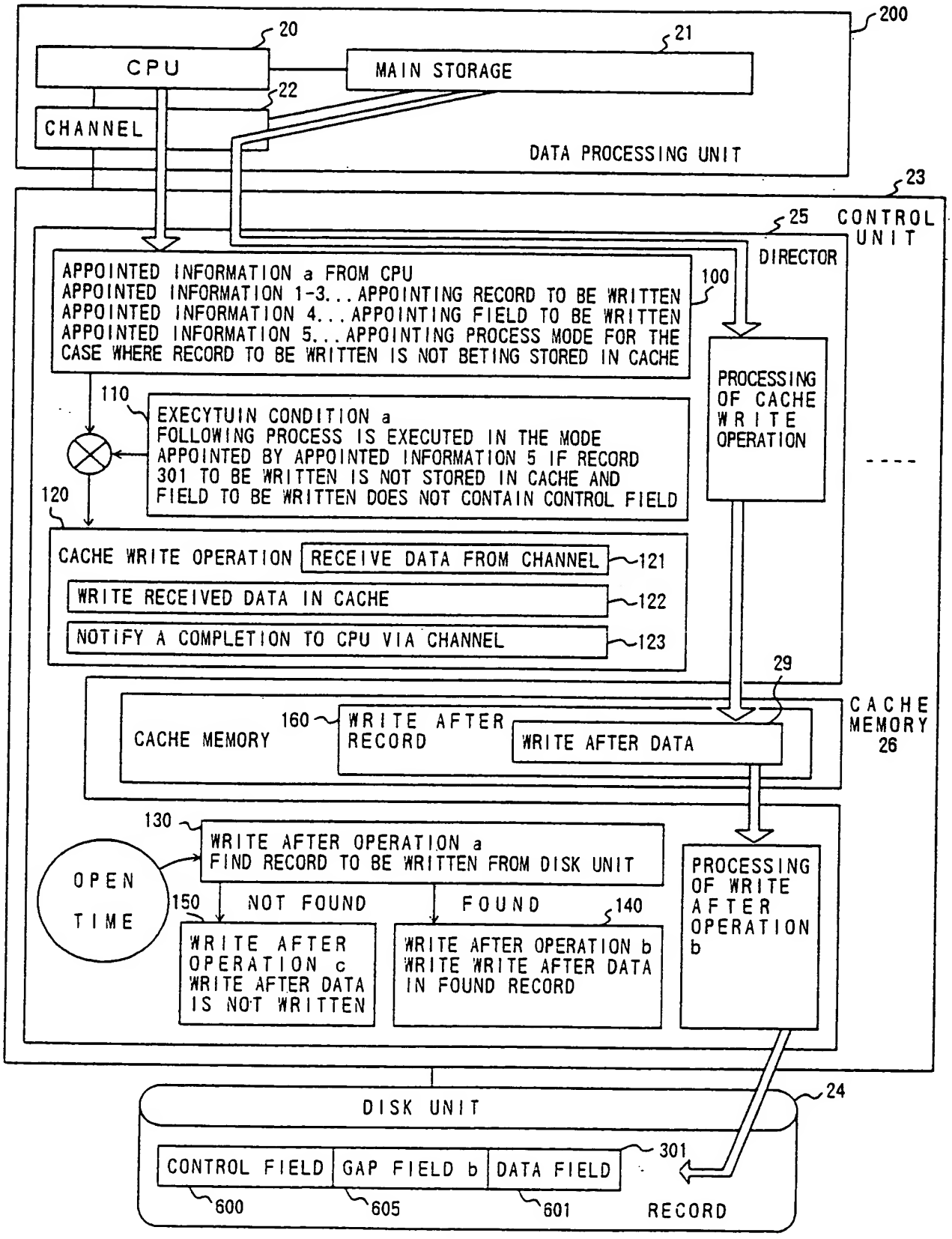
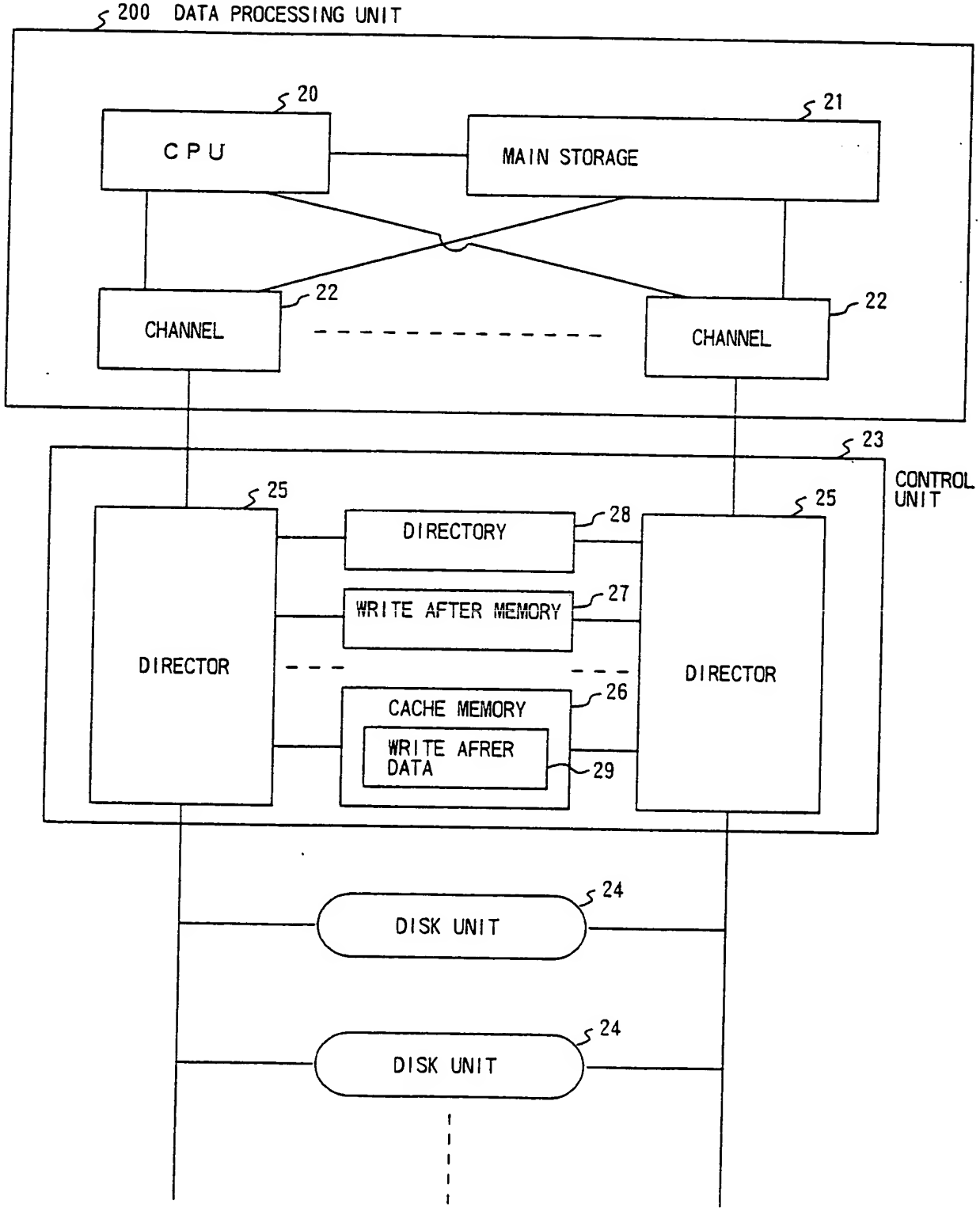
OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 1



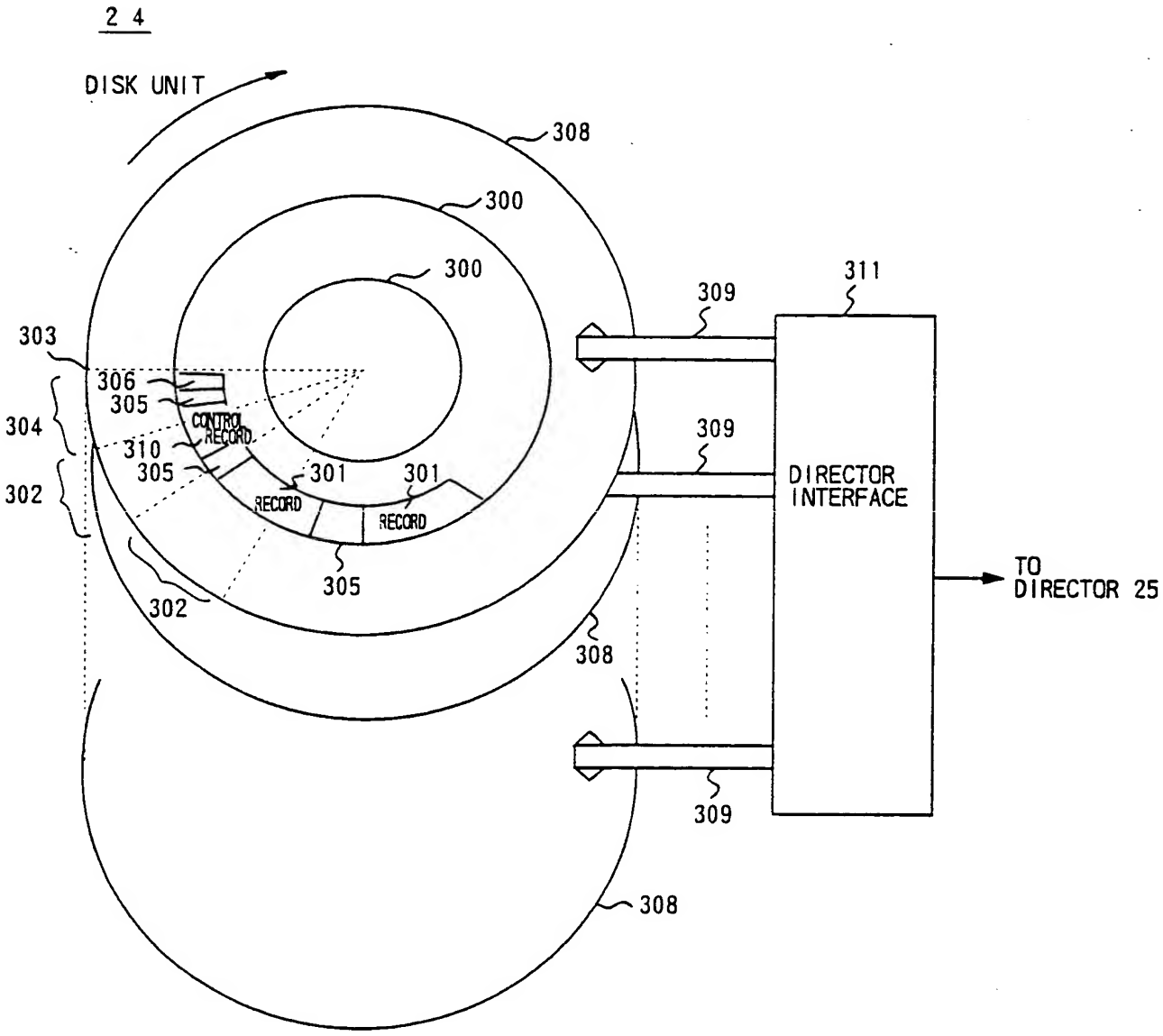
OIPE
AUG 27 2003
PATENT & TRADEMARK OFFICE

FIG. 2



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE

FIG. 3



PATENT & TRADEMARK OFFICE
AUG 21 2003
O.I.P.E.
JC48

FIG. 4

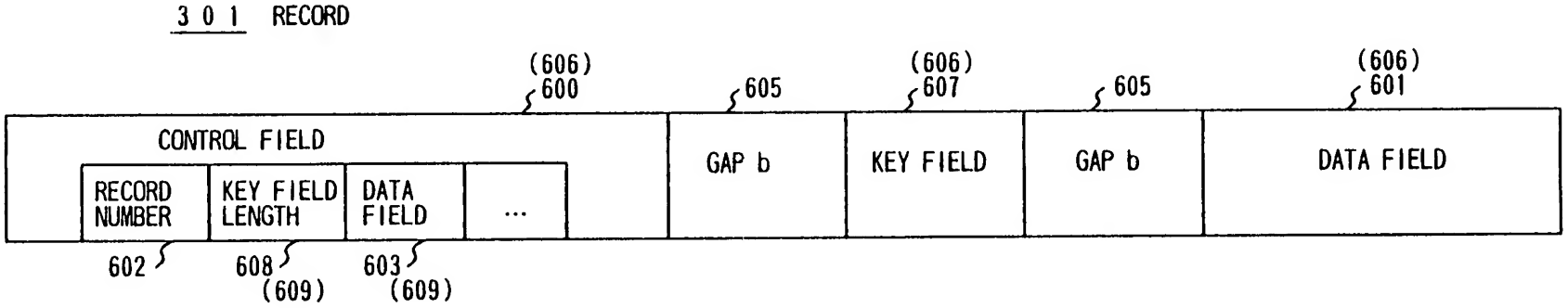


FIG. 5

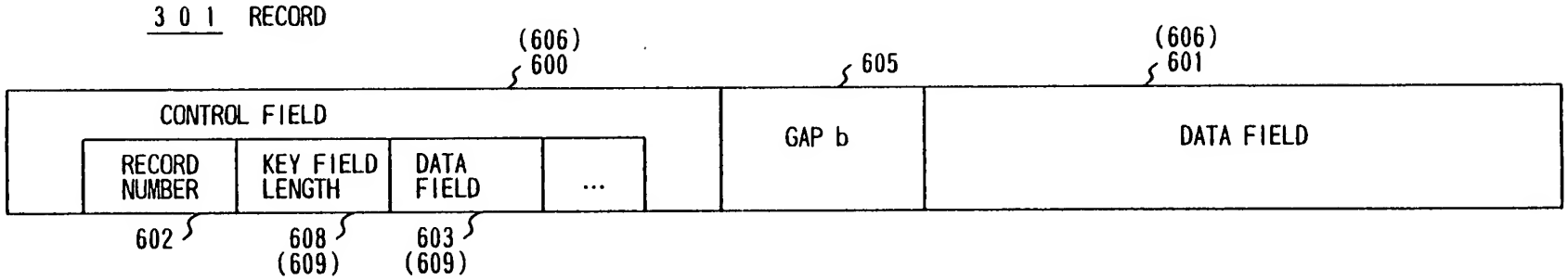
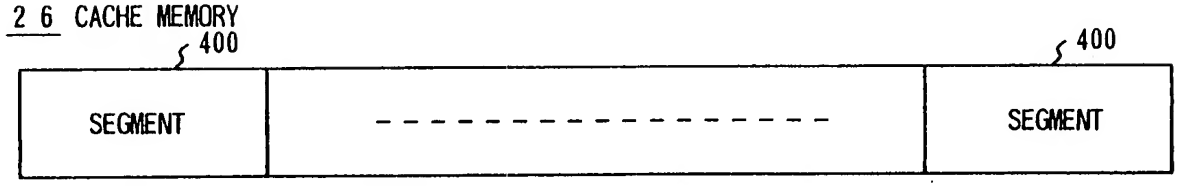
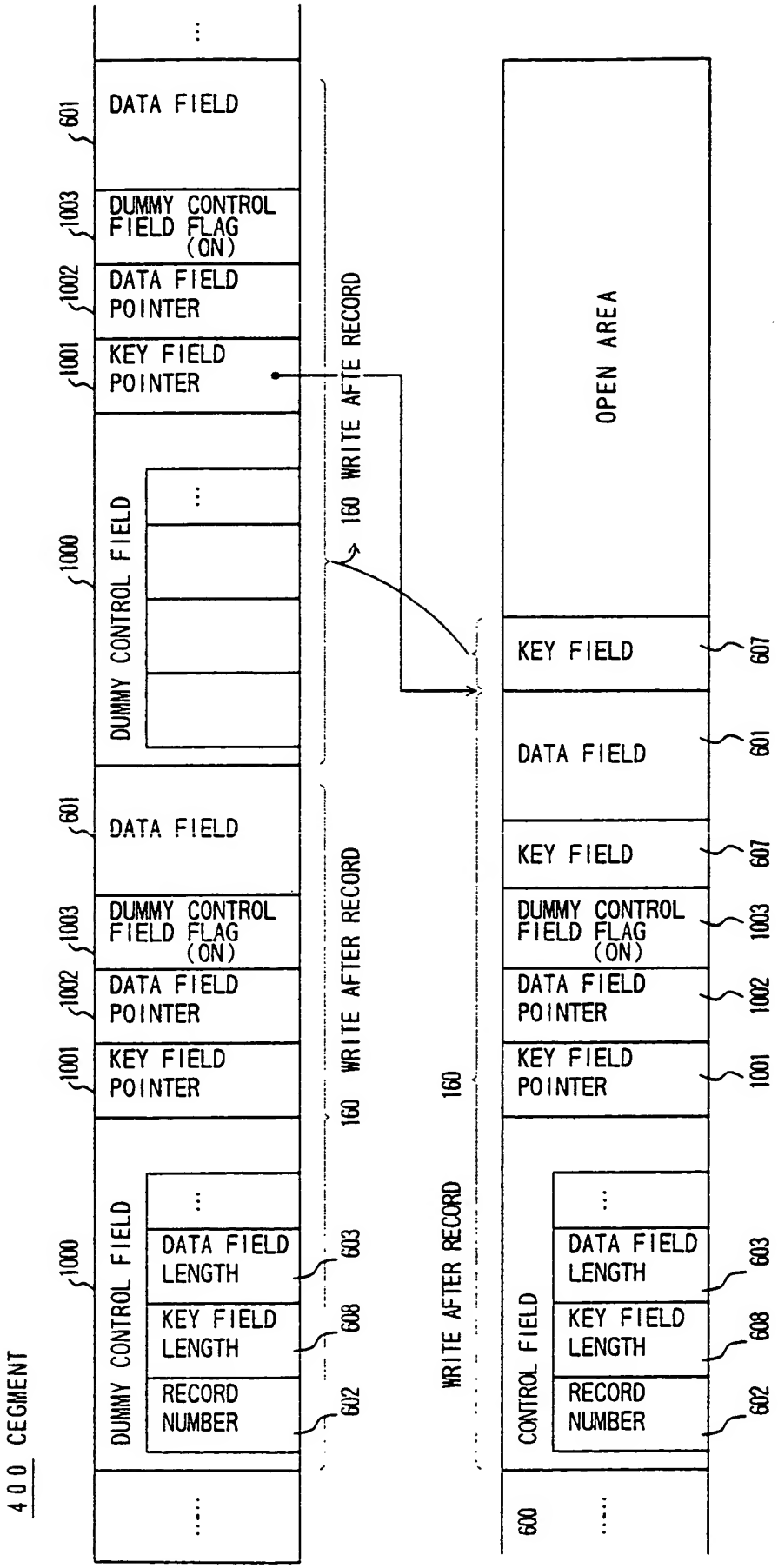


FIG. 6



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 7



OIPE JC48
AUG 21 2003
PATENT & TRADEMARK OFFICE

FIG. 8

28 DIRECTORY

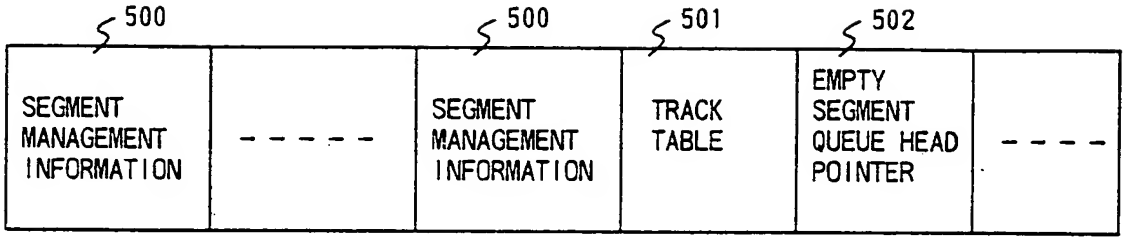
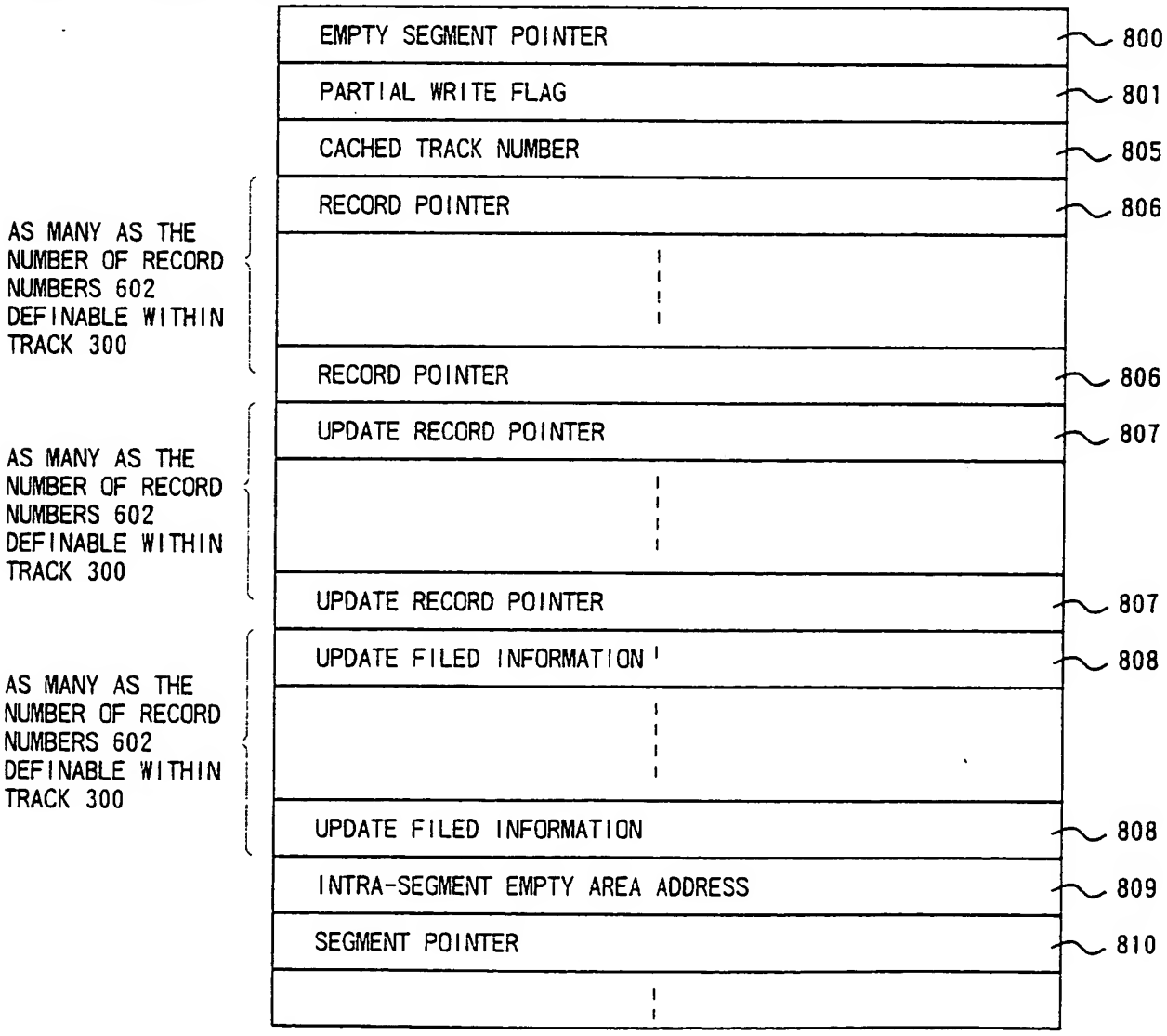


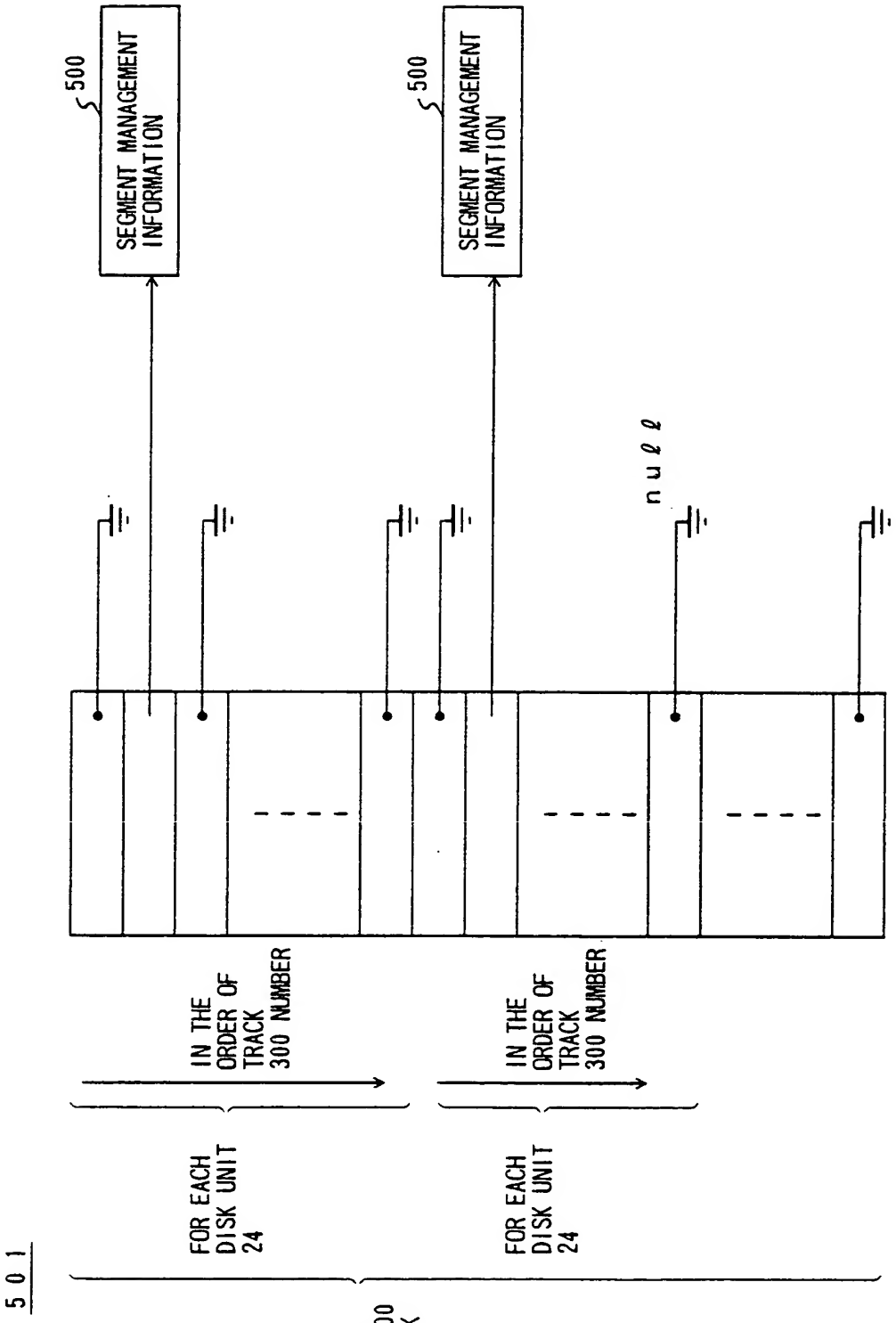
FIG. 9

500 SEGMENT MANAGEMENT INFORMATION



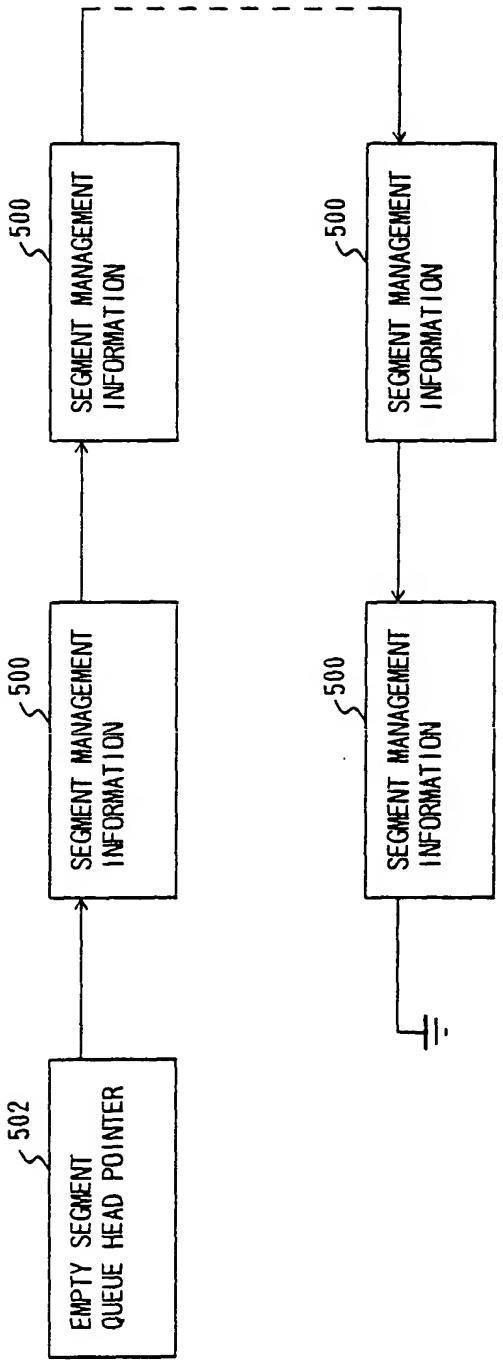
OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 10



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 11



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 12

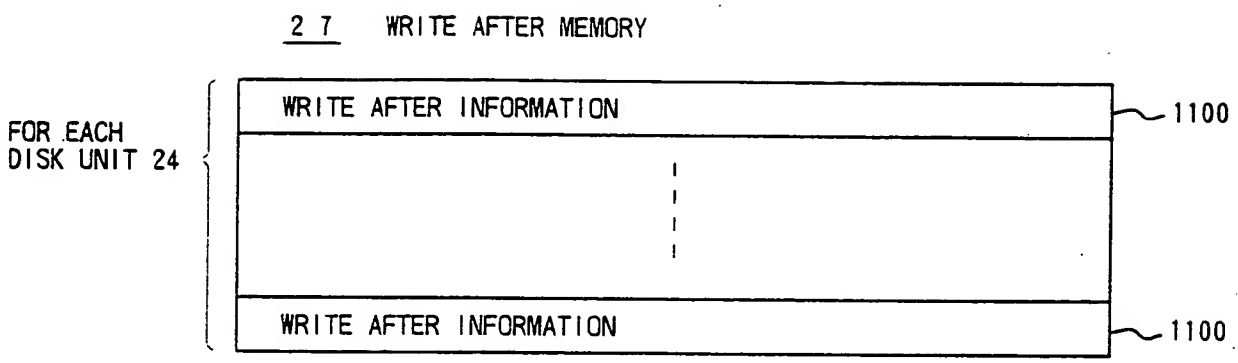


FIG. 13

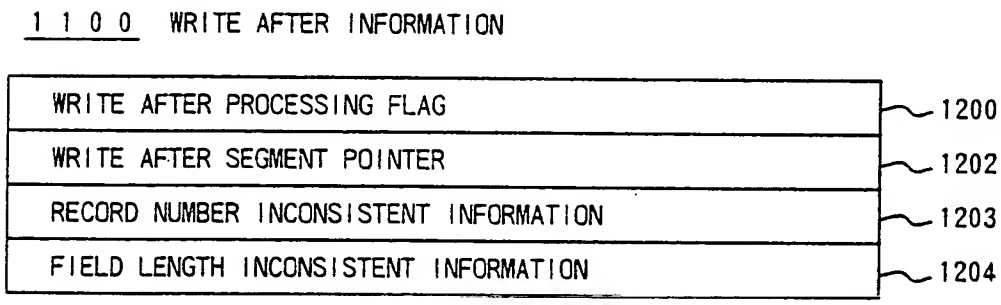
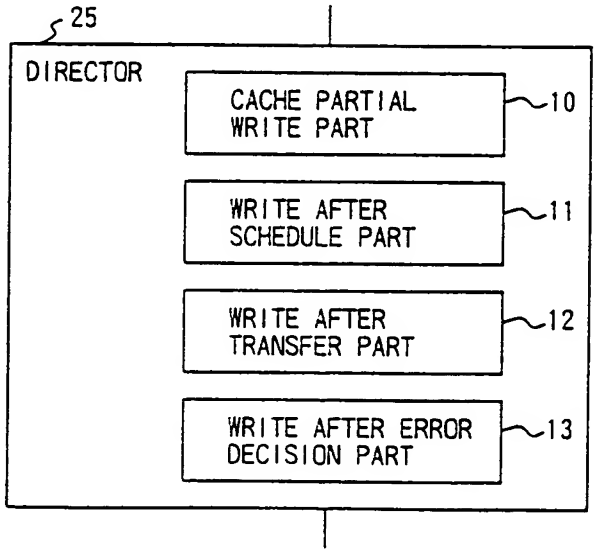
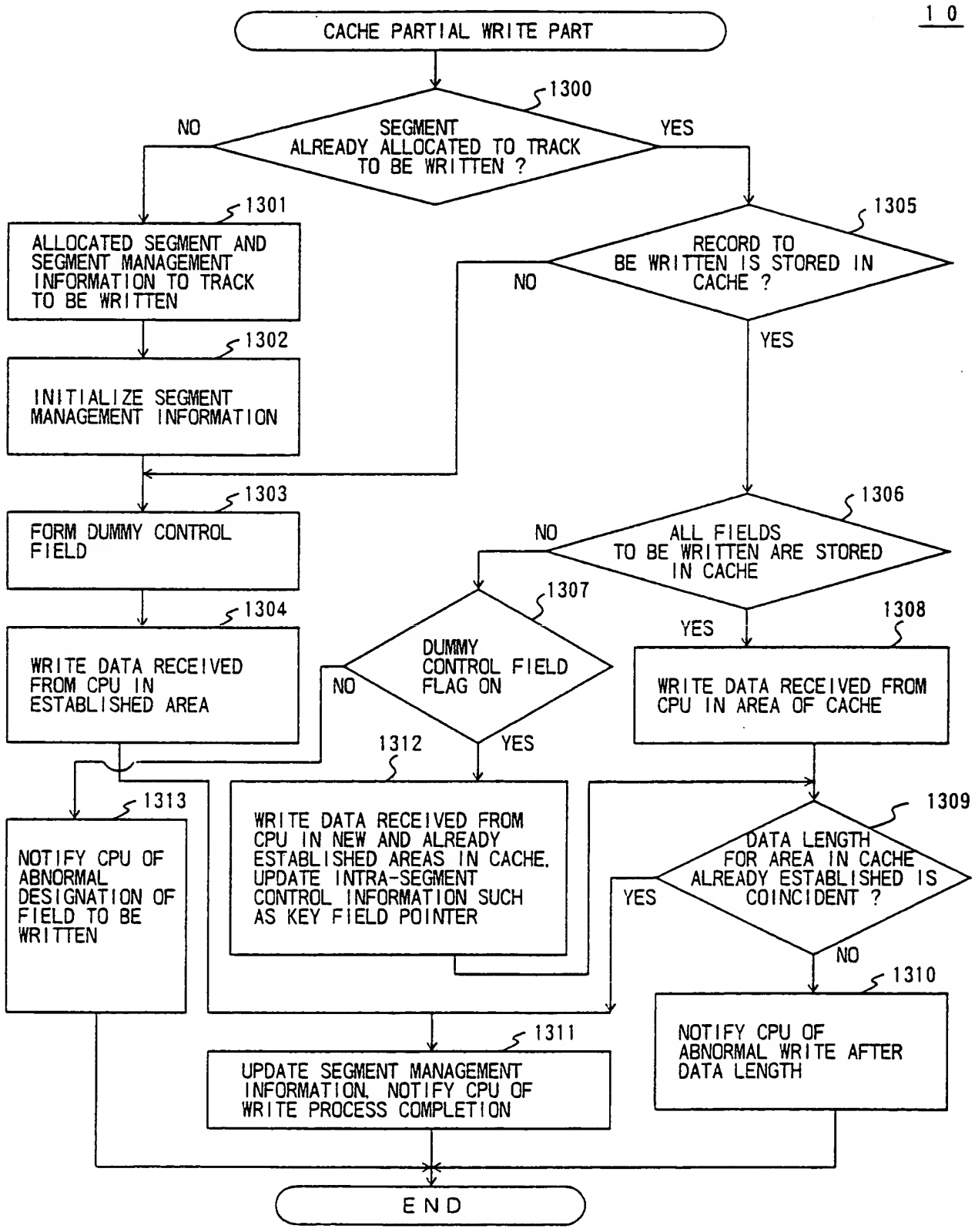


FIG. 14



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

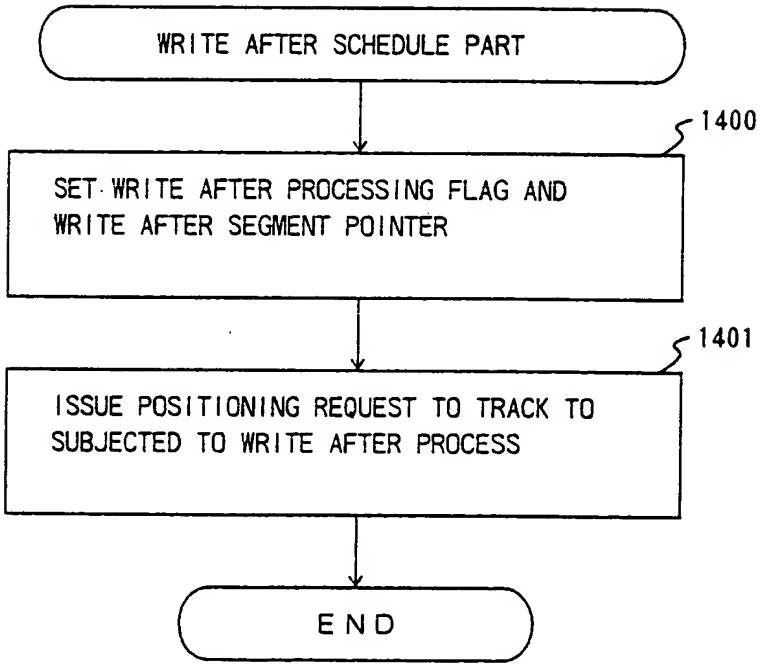
FIG. 15



O I P E
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

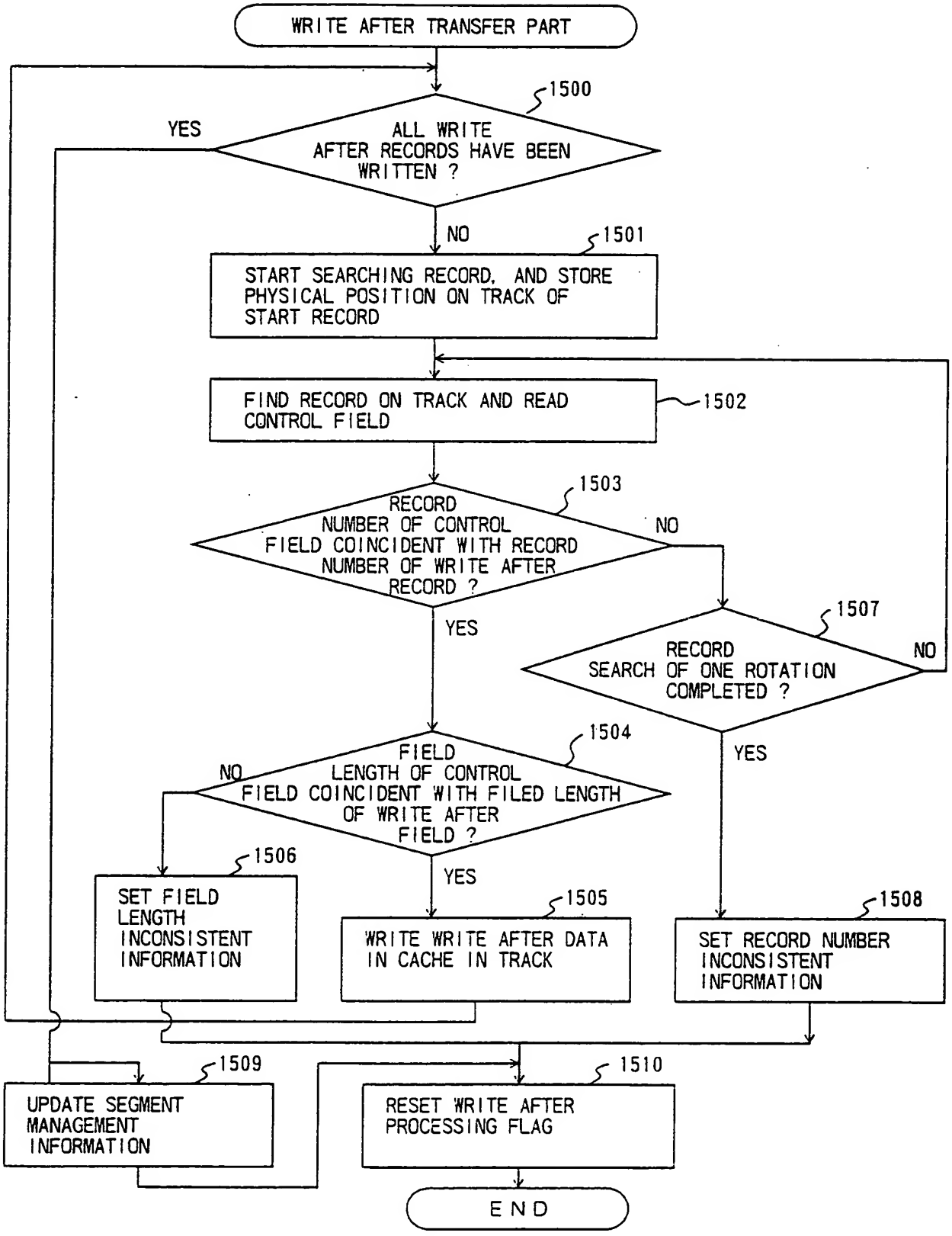
FIG. 16

11



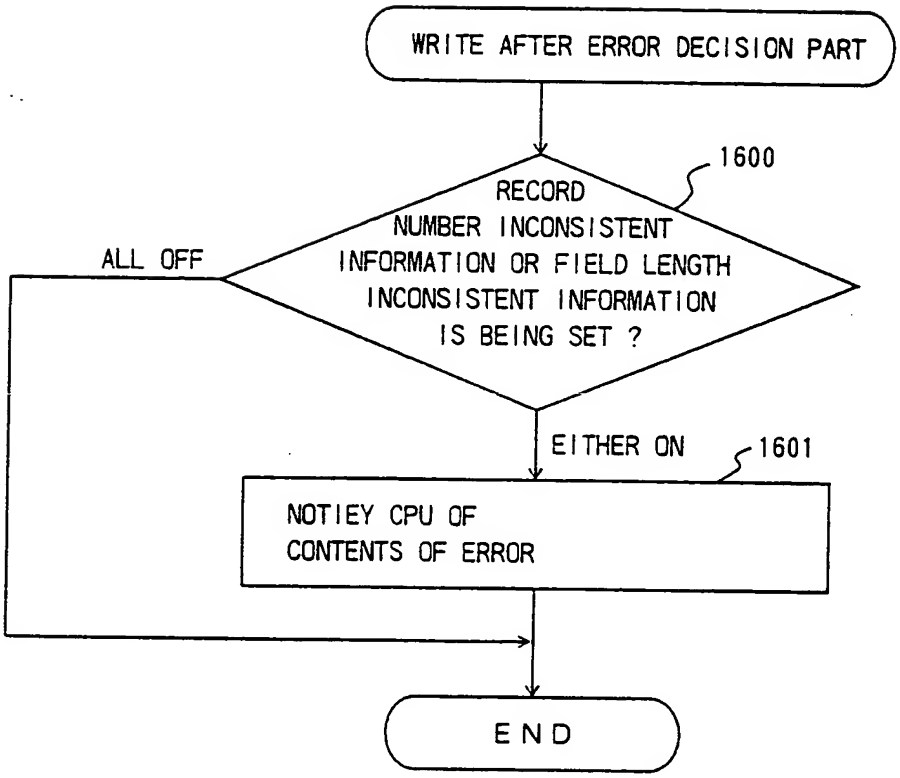
OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE

FIG. 17



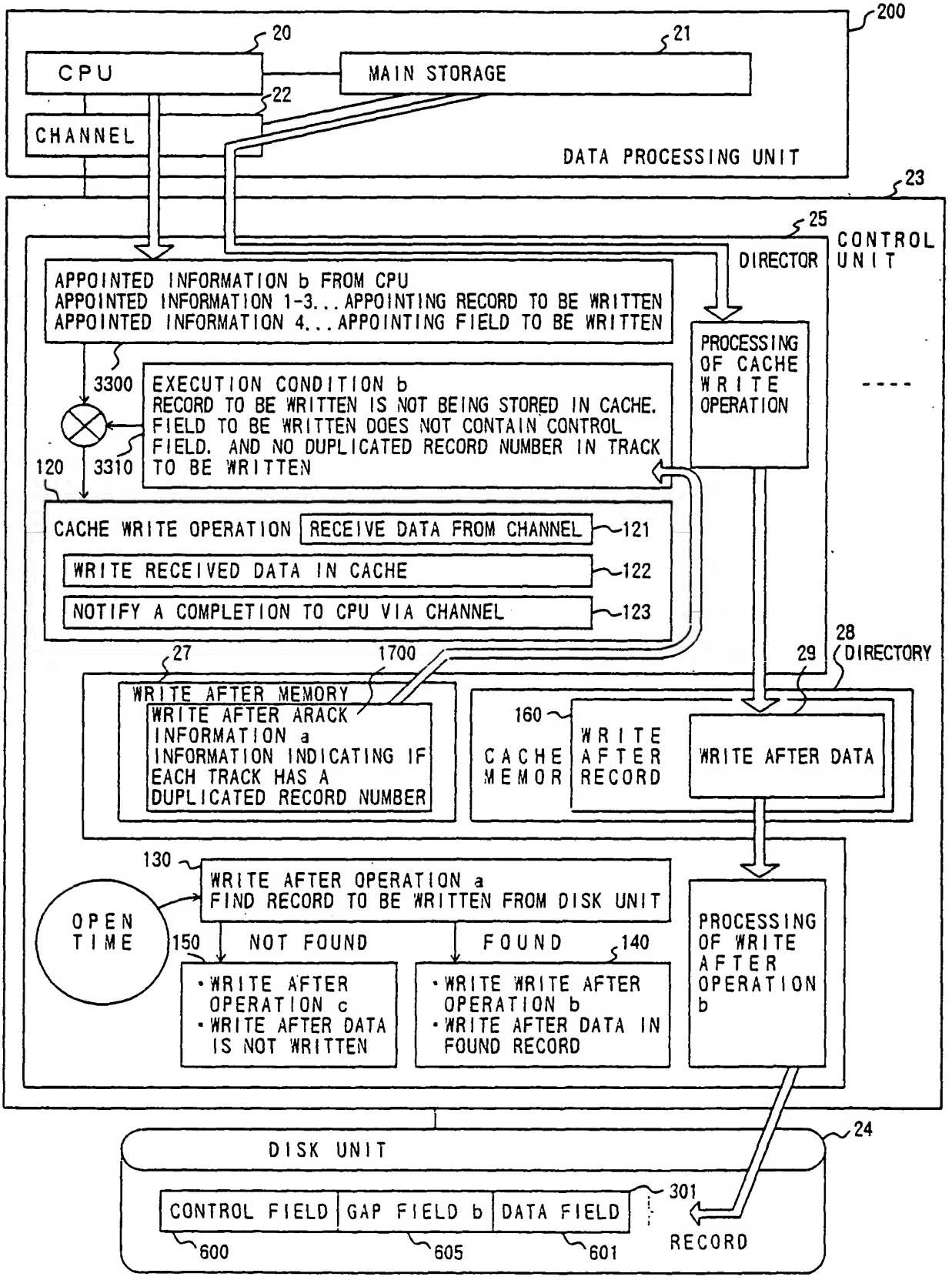
OIPE JC48
AUG 21 2003
PATENT & TRADEMARK OFFICE

FIG. 18



O I P E
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 19



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 20

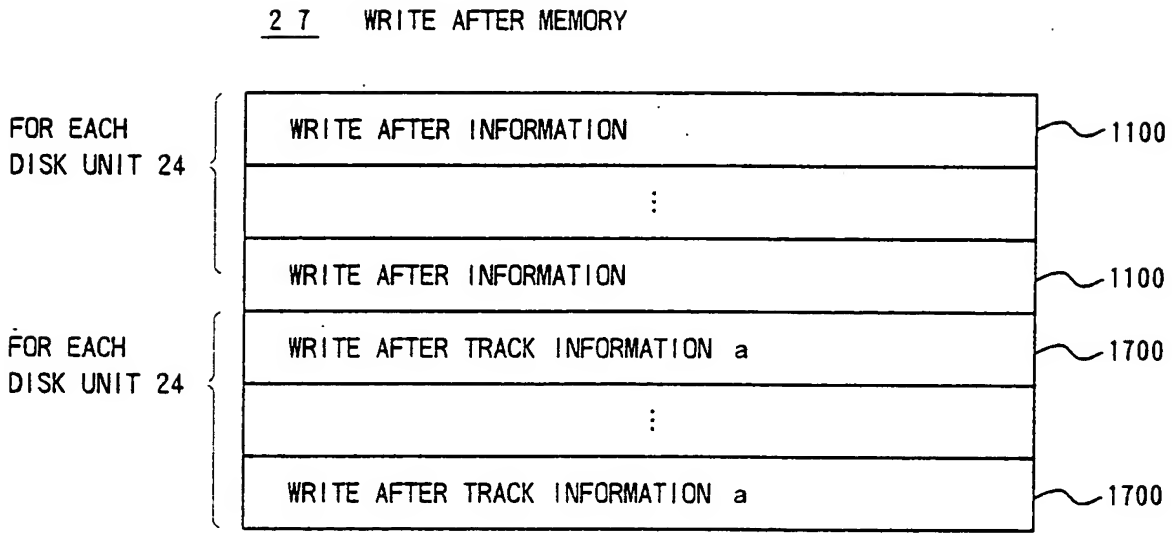
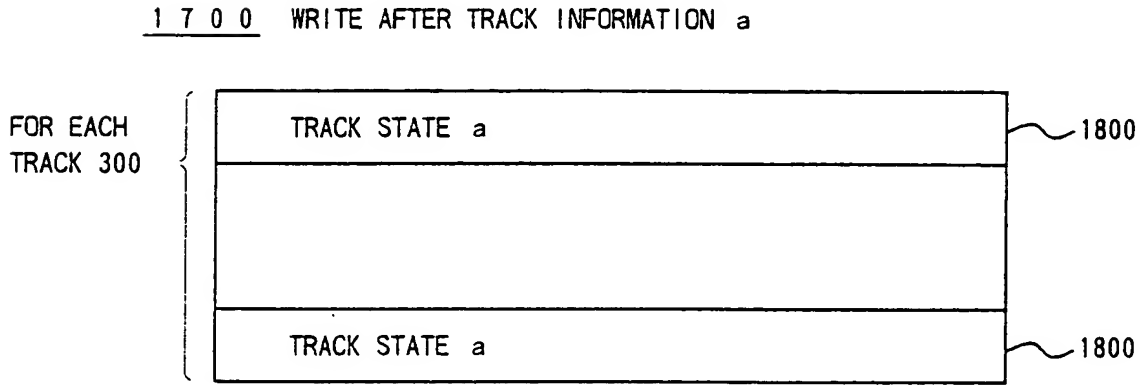
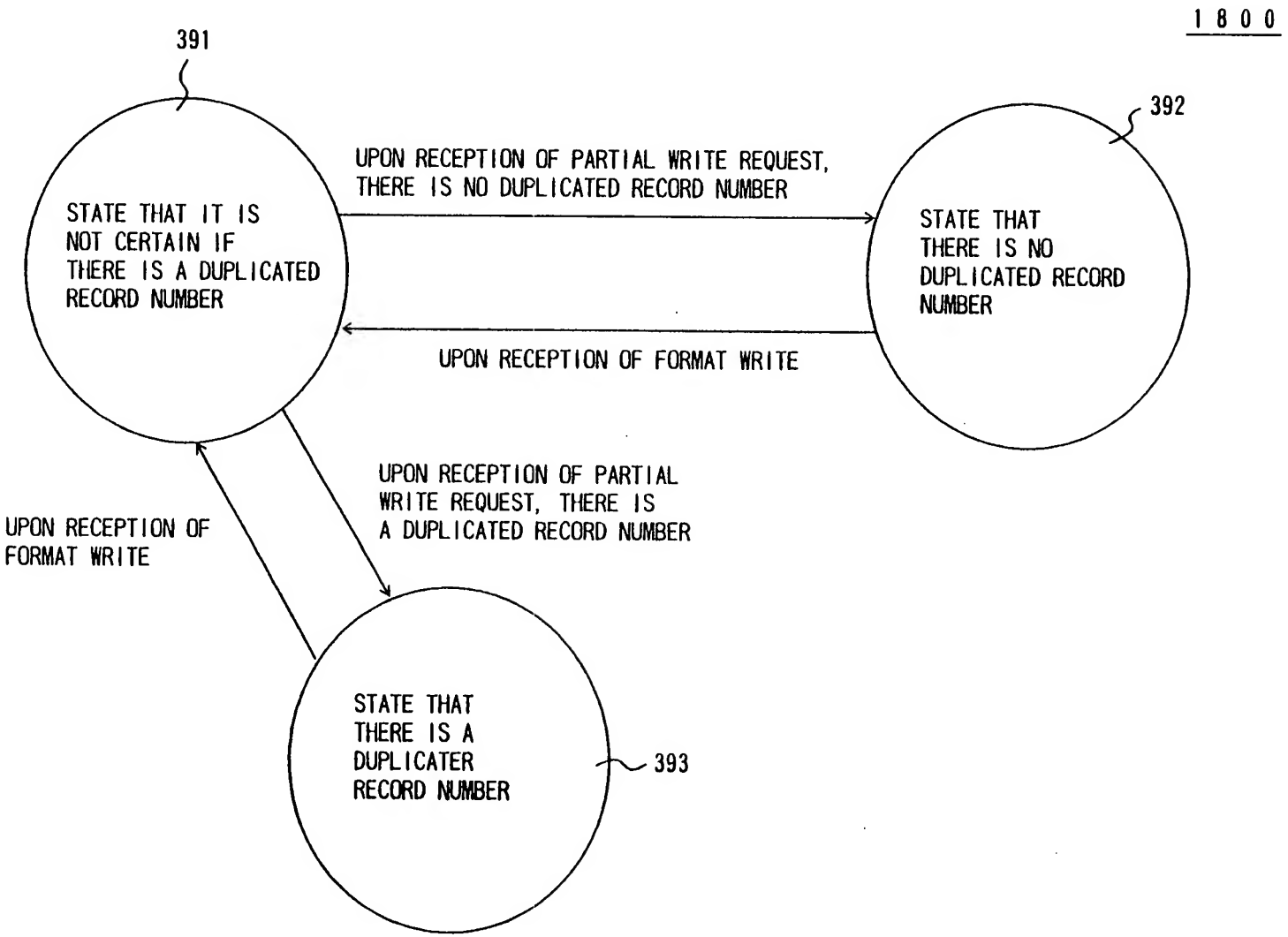


FIG. 21



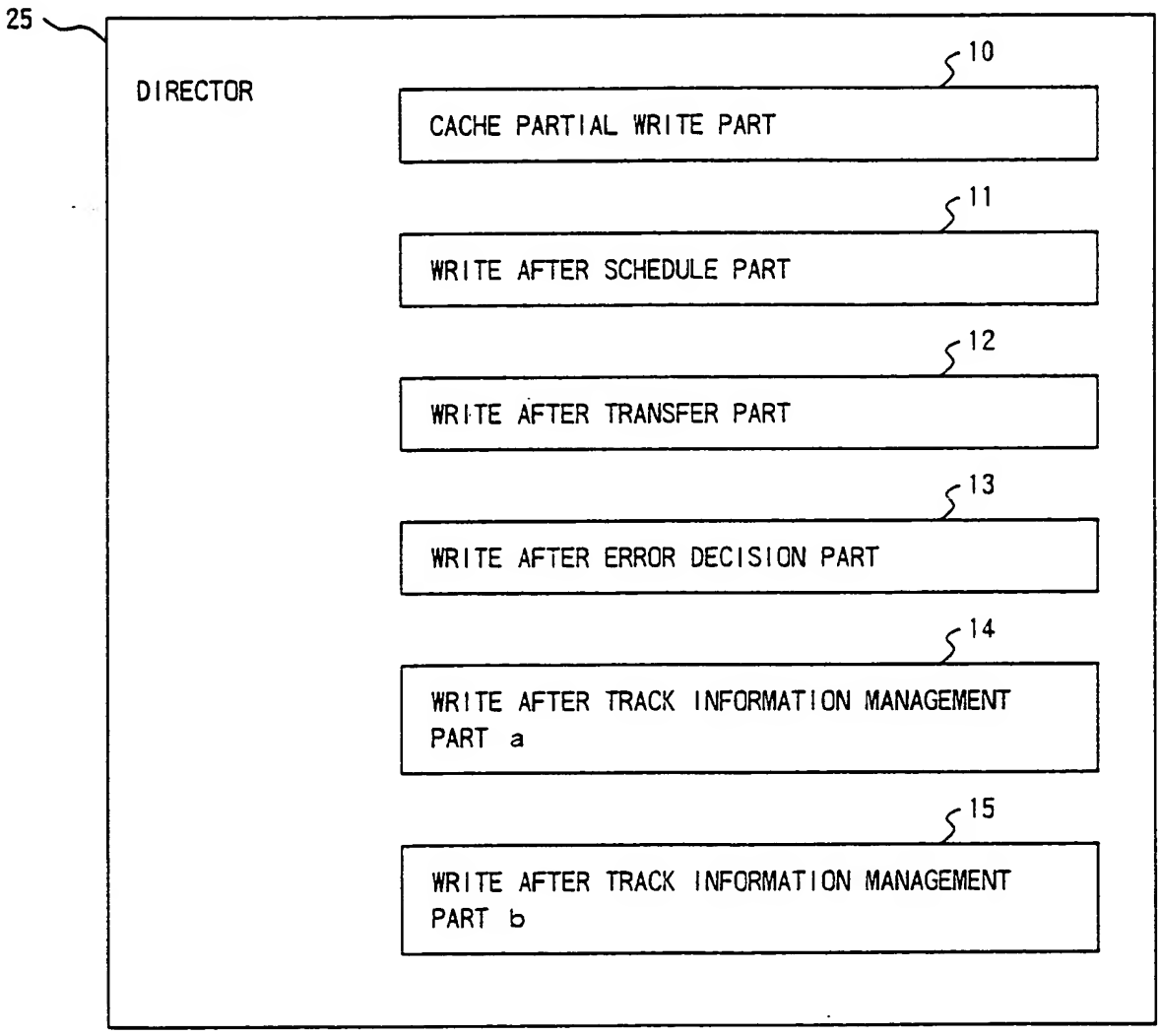
PATENT & TRADEMARK OFFICE
AUG 21 2003
JC48
O I P E

FIG. 22



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 23



O I P E
AUG 27 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 24 A

14

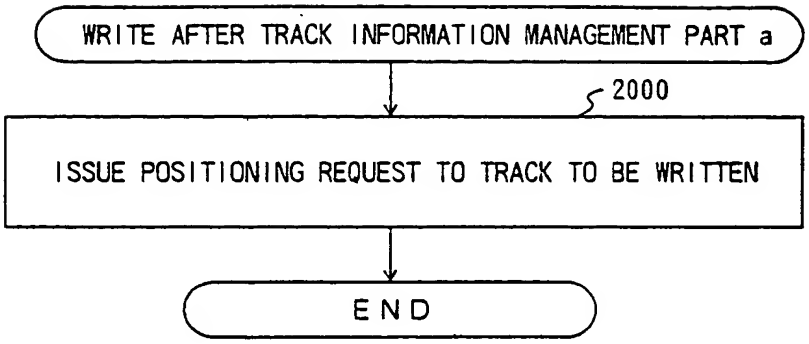


FIG. 24 B

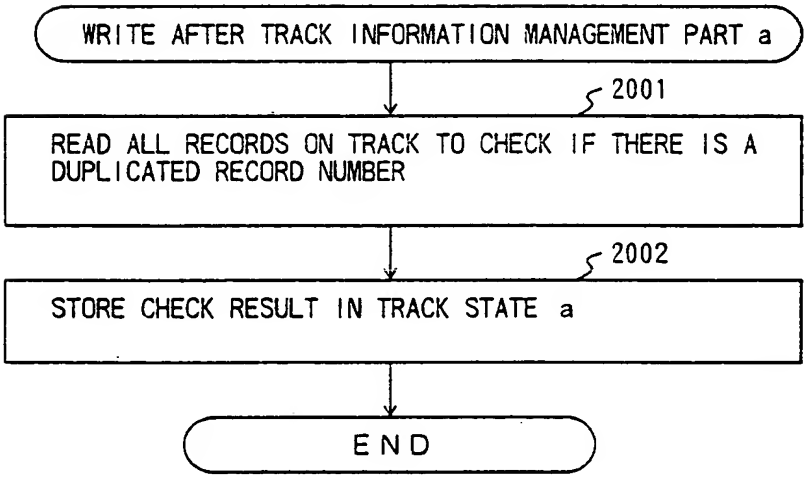
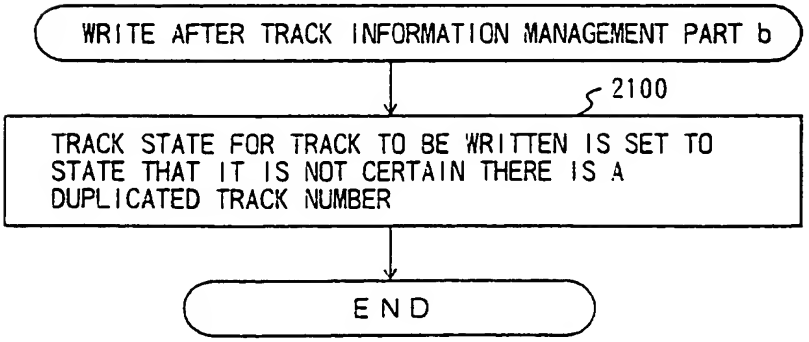


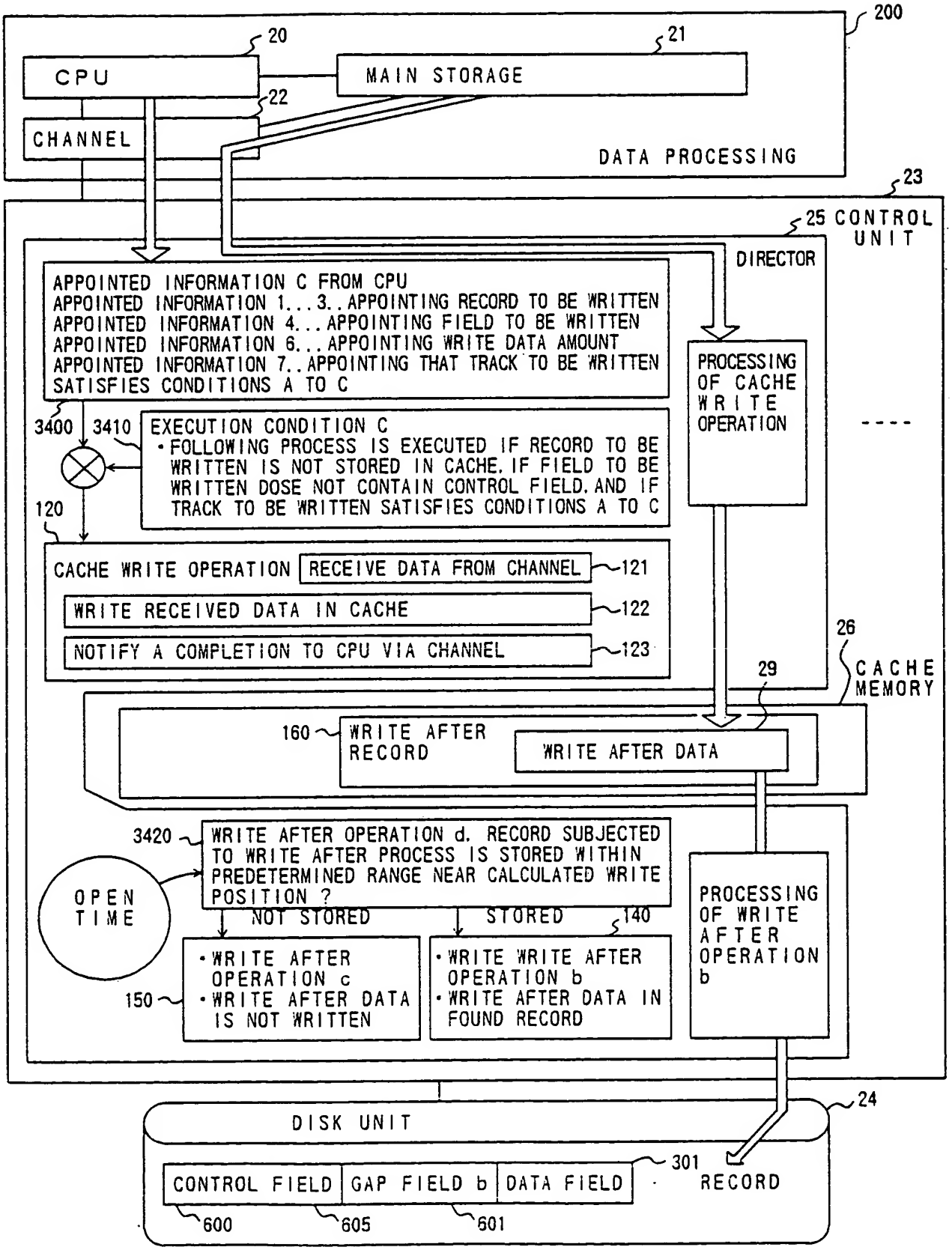
FIG. 25

15



OIPE
AUG 21 2008
PATENT & TRADEMARK OFFICE
JC48

FIG. 26



OIPE JC48
AUG 27 2003
PATENT & TRADEMARK OFFICE

FIG. 27

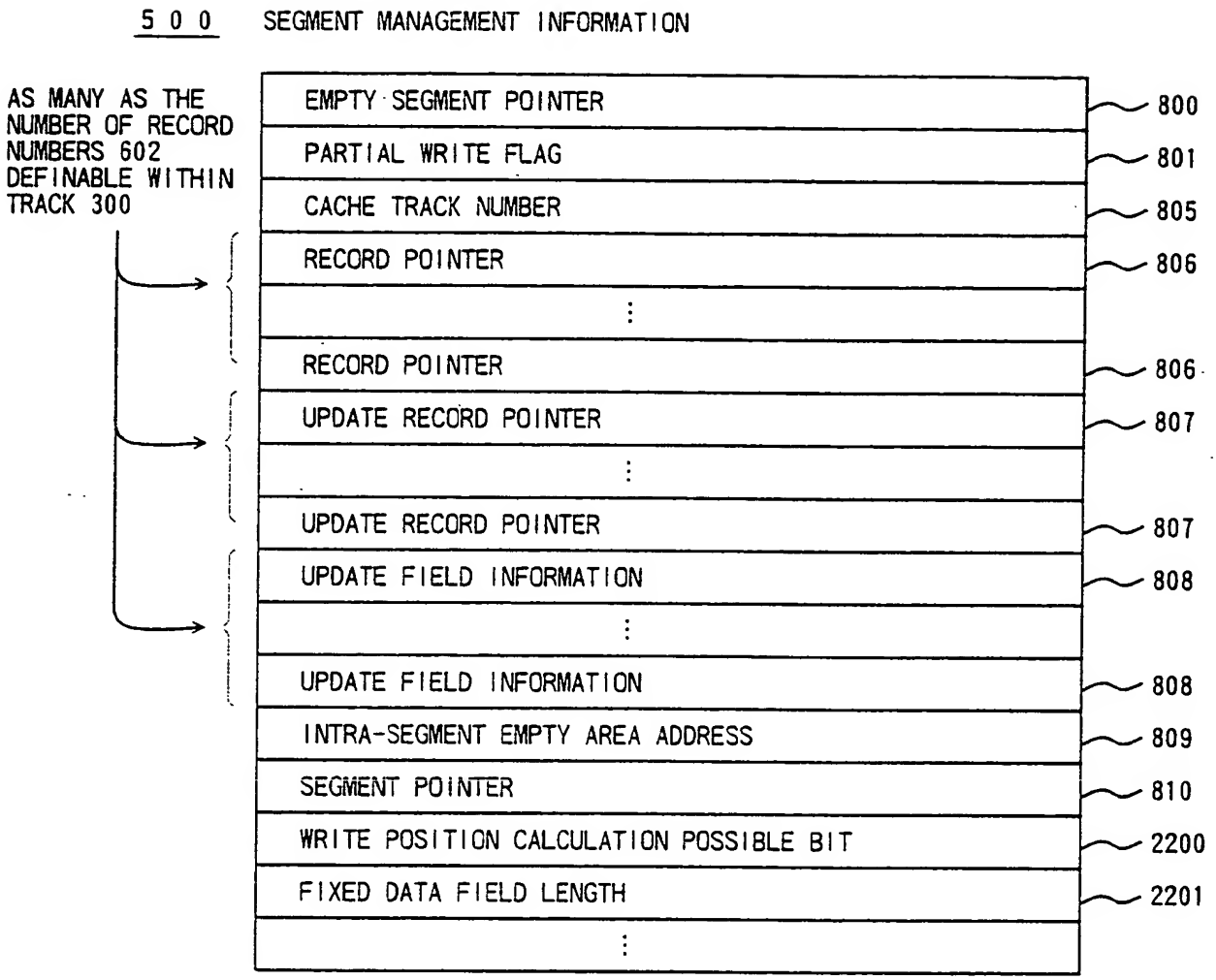
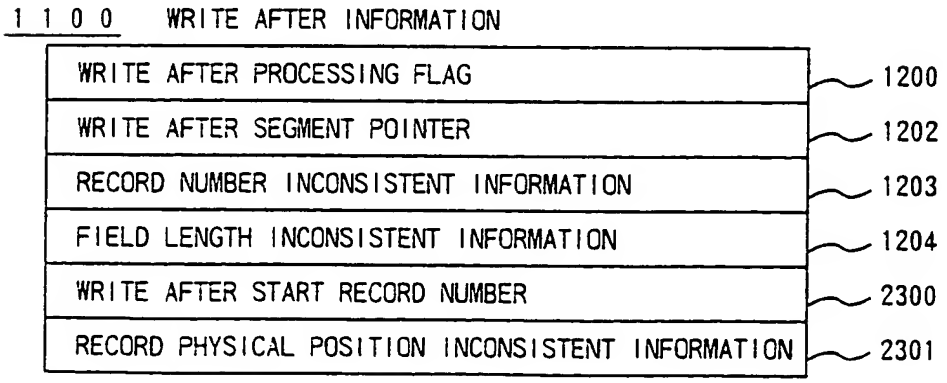
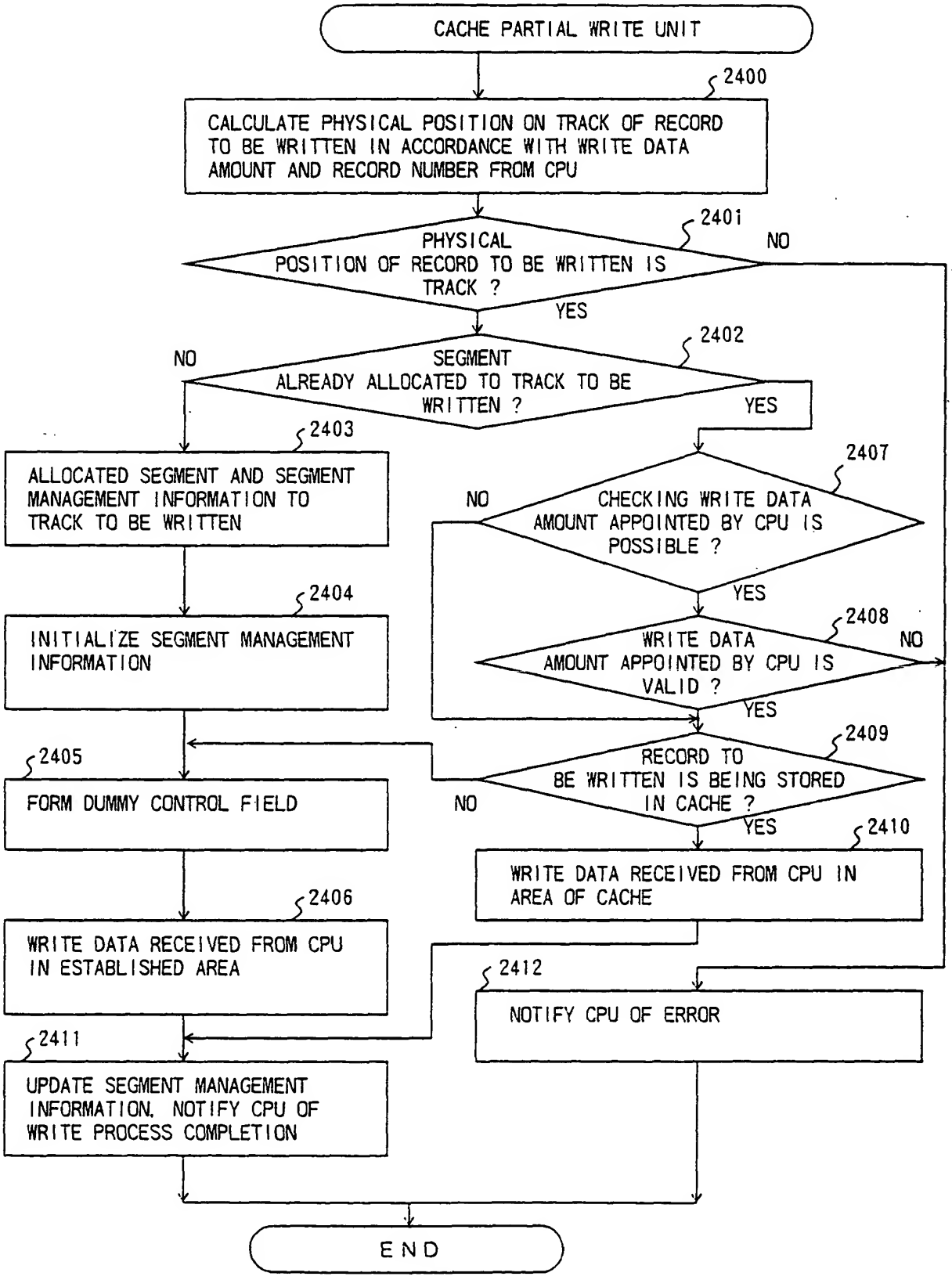


FIG. 28



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

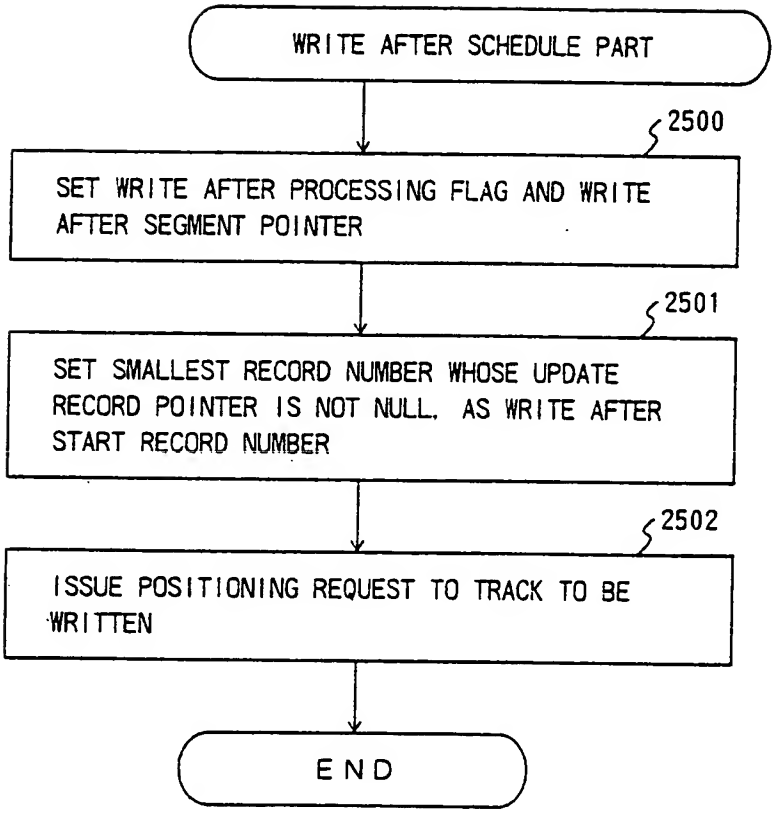
FIG. 29



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

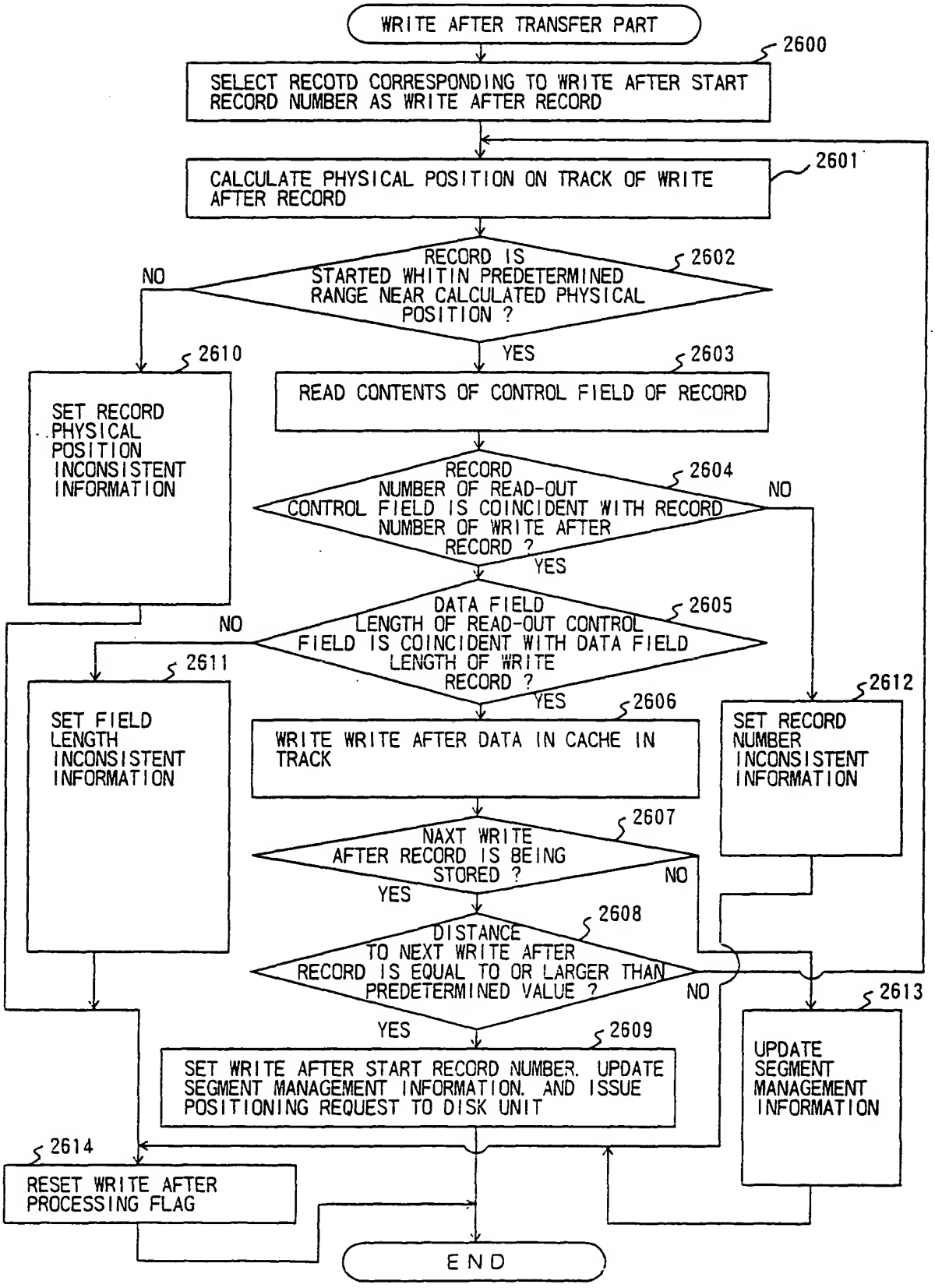
FIG. 30

11



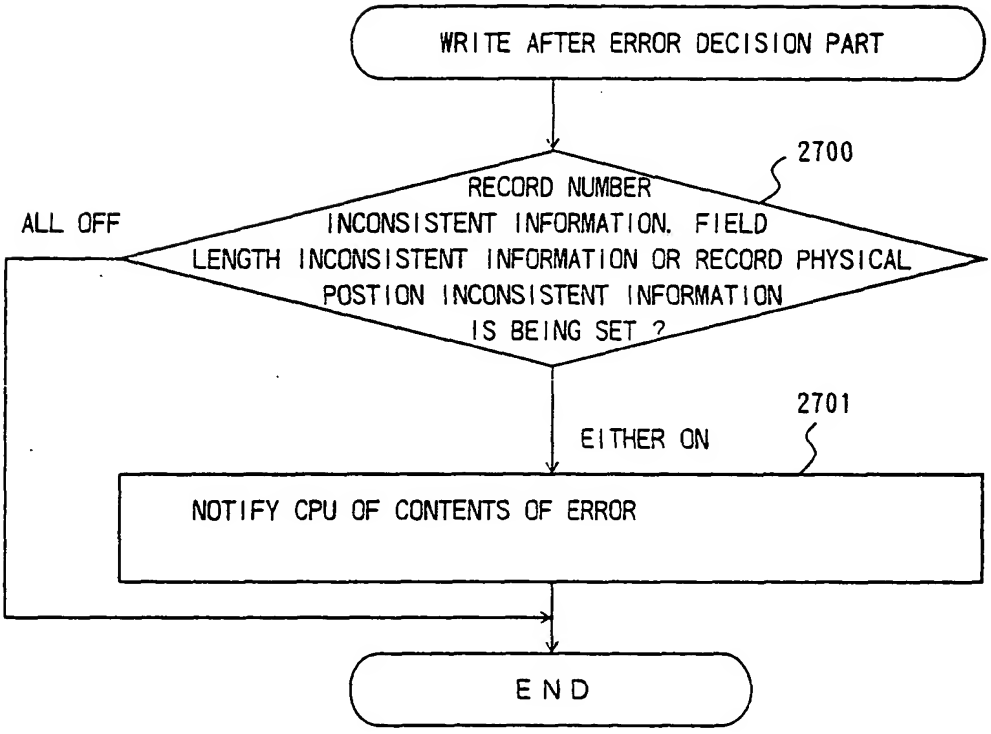
OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 31



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 32



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 33

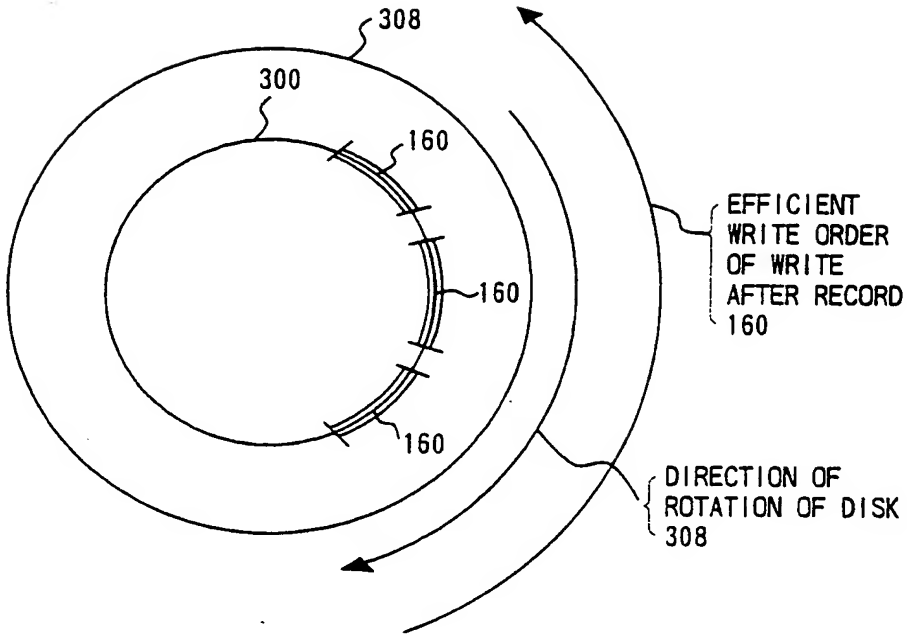
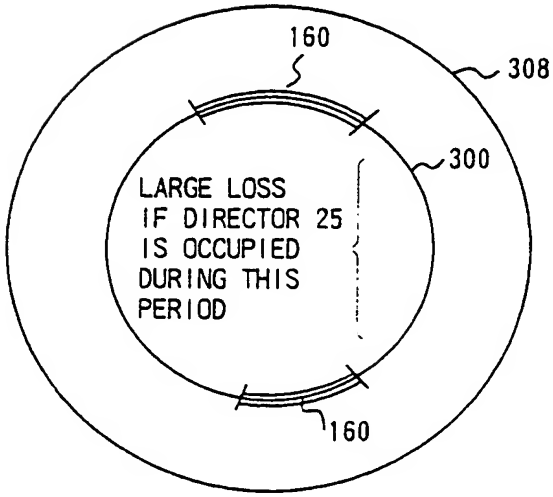
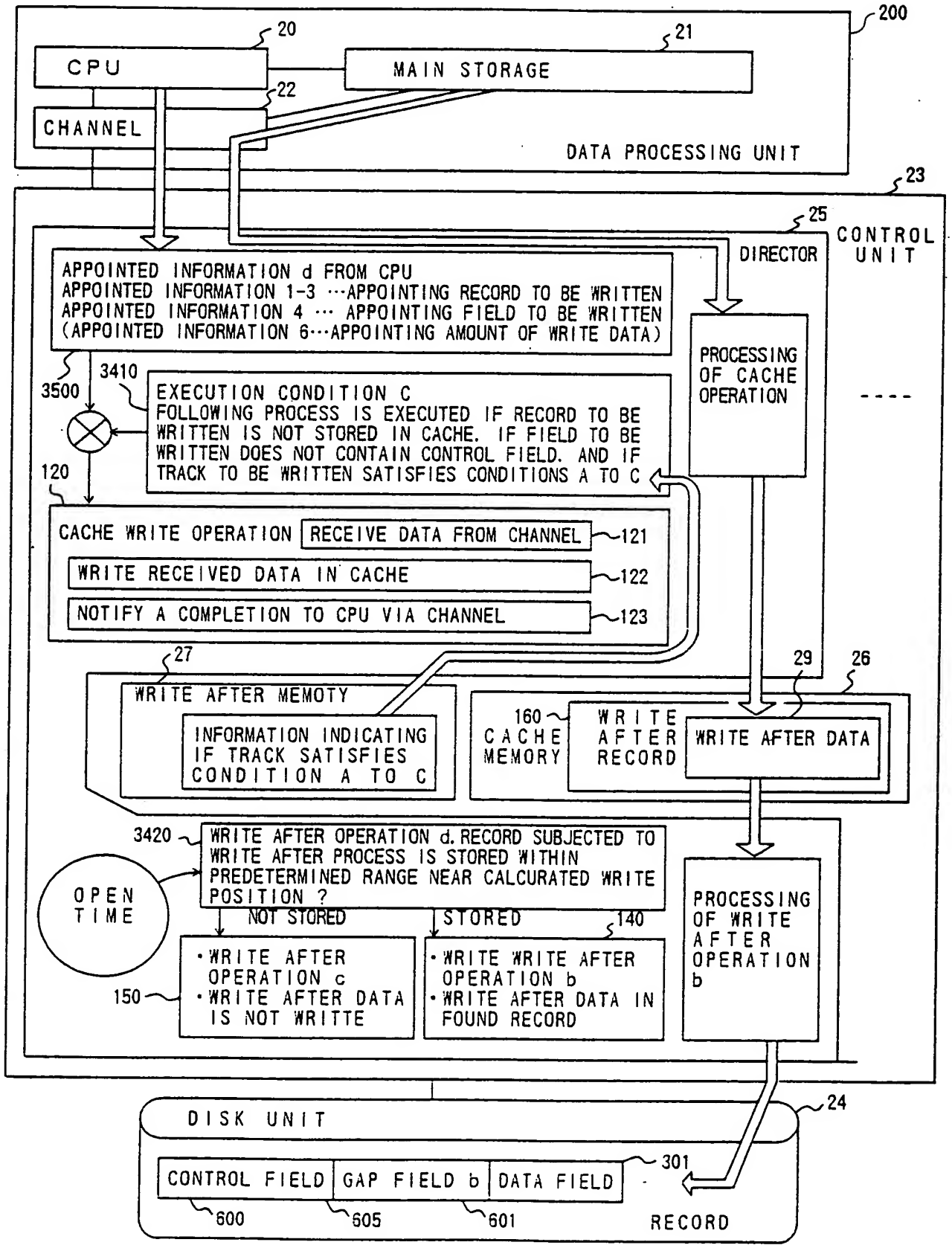


FIG. 34



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 35



OIPE
AUG 21 2003
JC48
PATENT & TRADEMARK OFFICE

FIG. 36

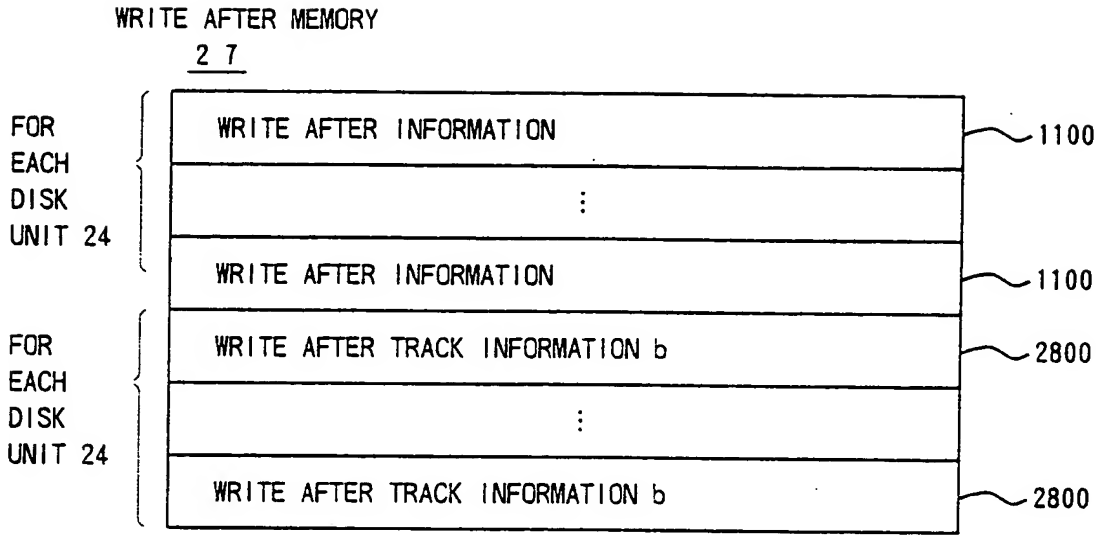


FIG. 37

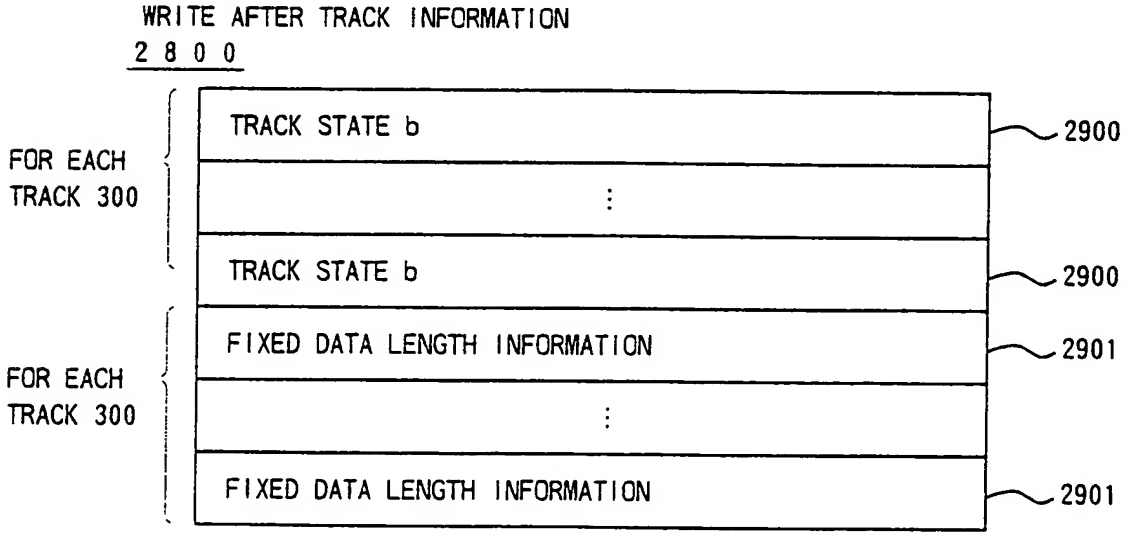
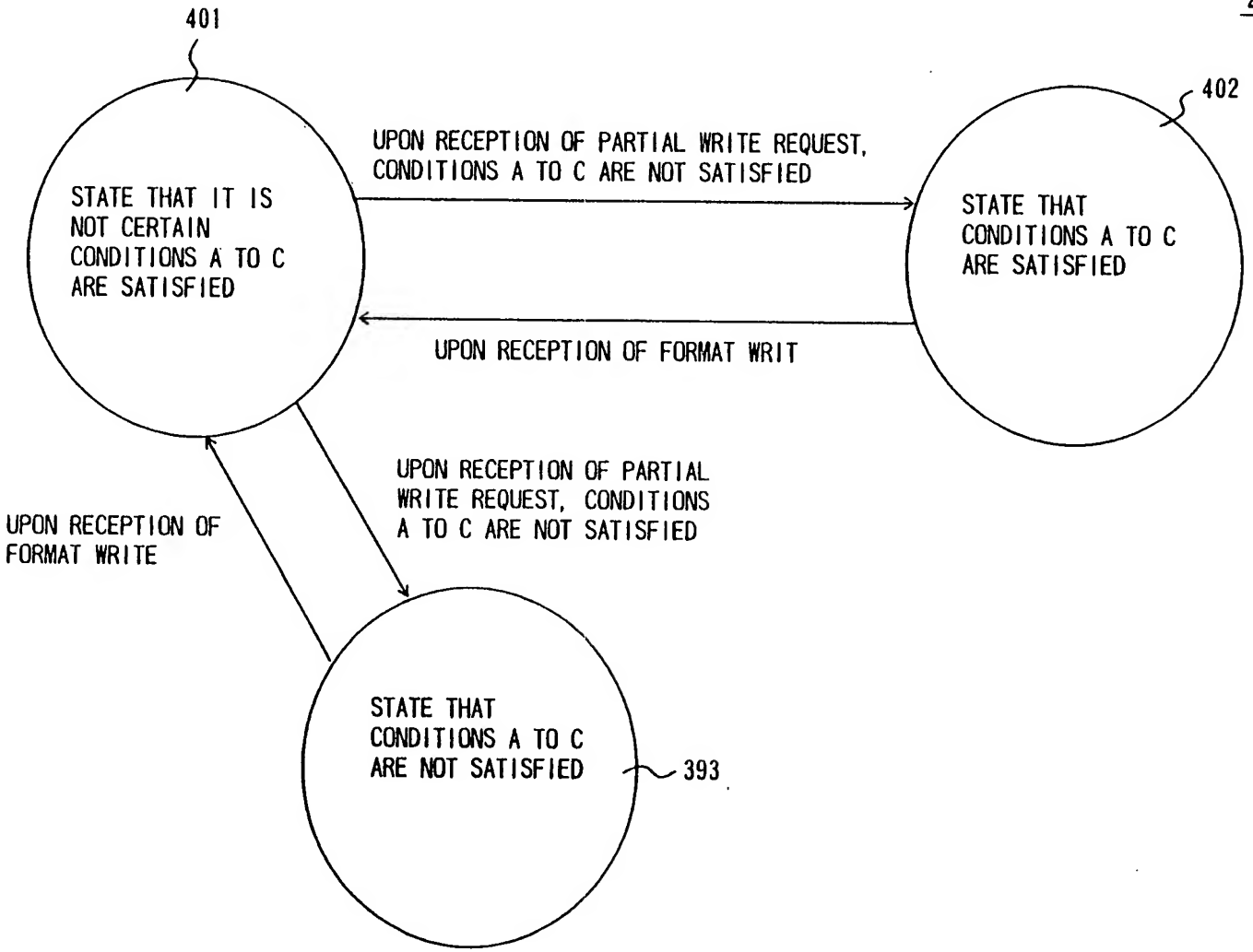


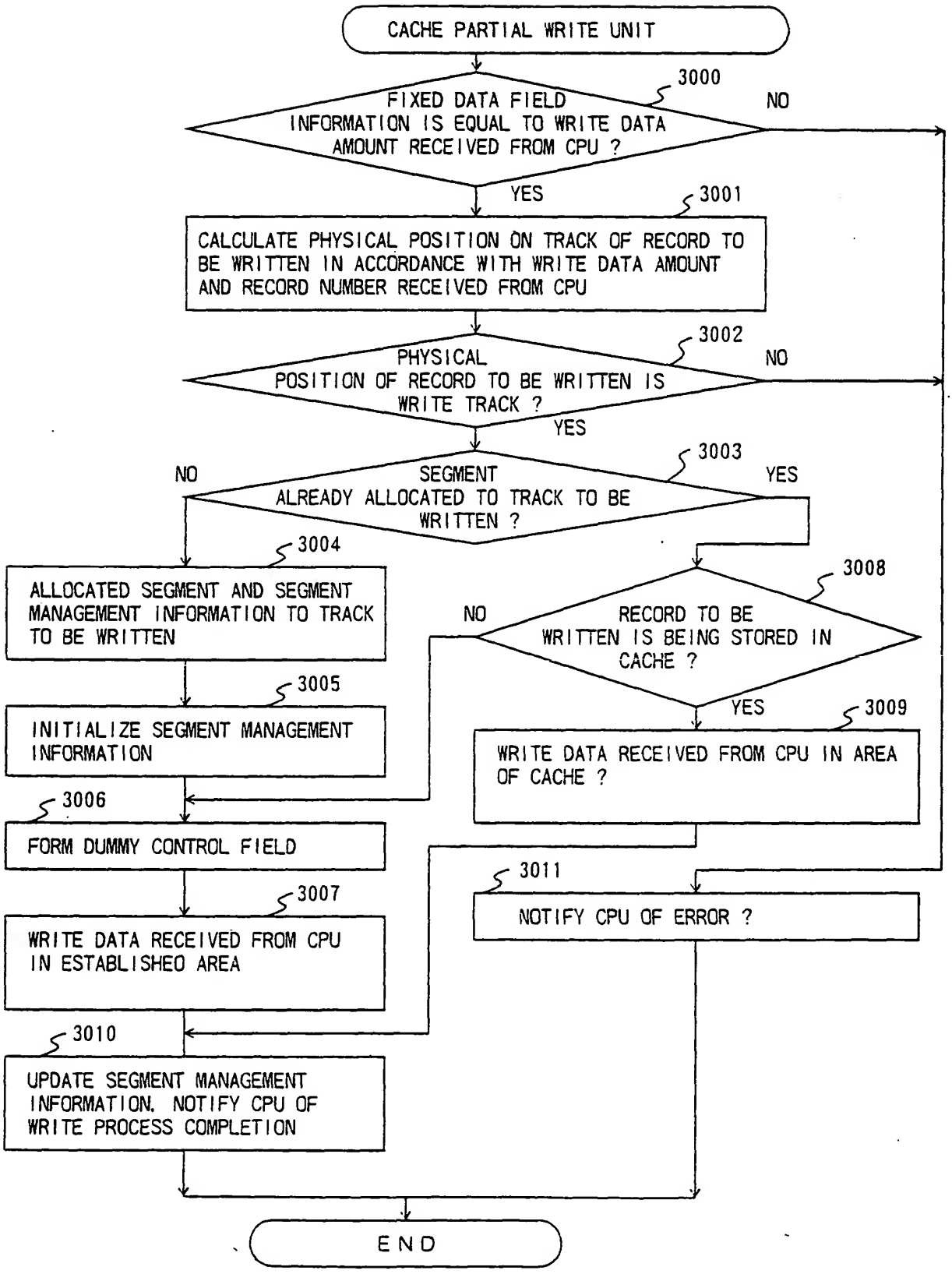
FIG. 38



PATENT & TRADEMARK OFFICE
AUG 21 2003
JC48
OIPE

OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 39



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 40 A

14

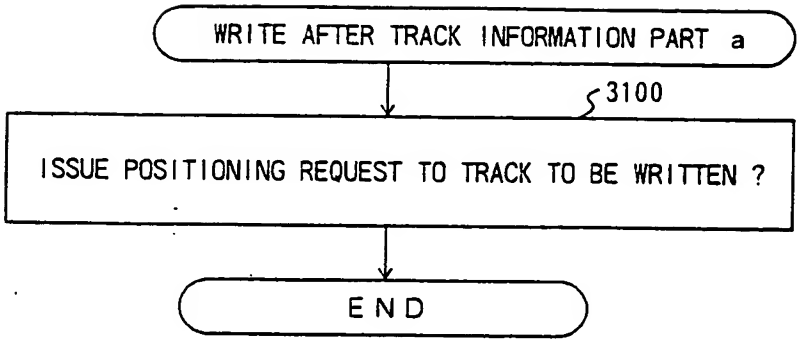


FIG. 40 B

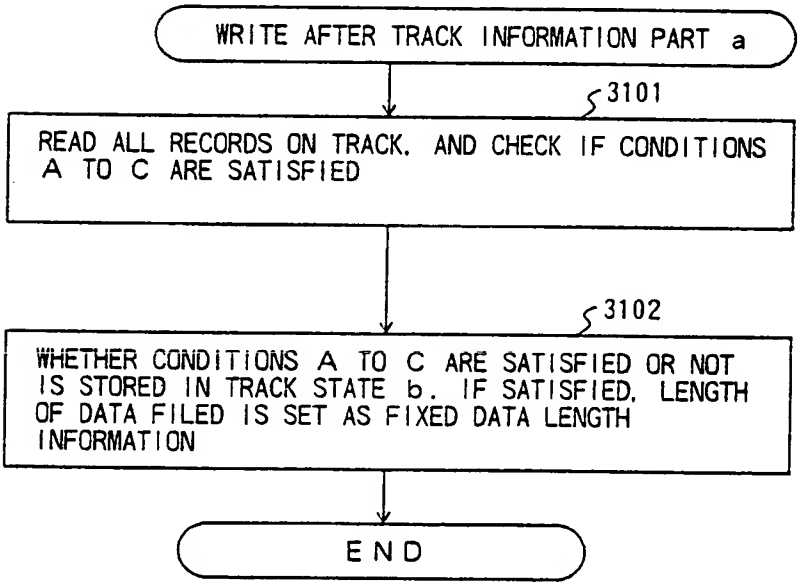


FIG. 41

15

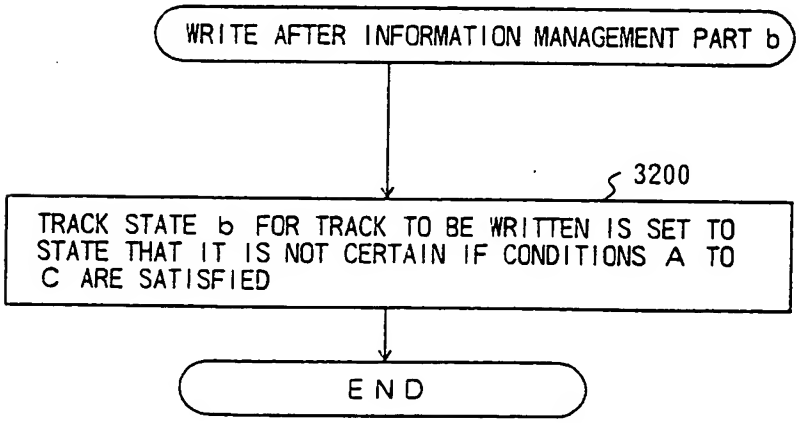
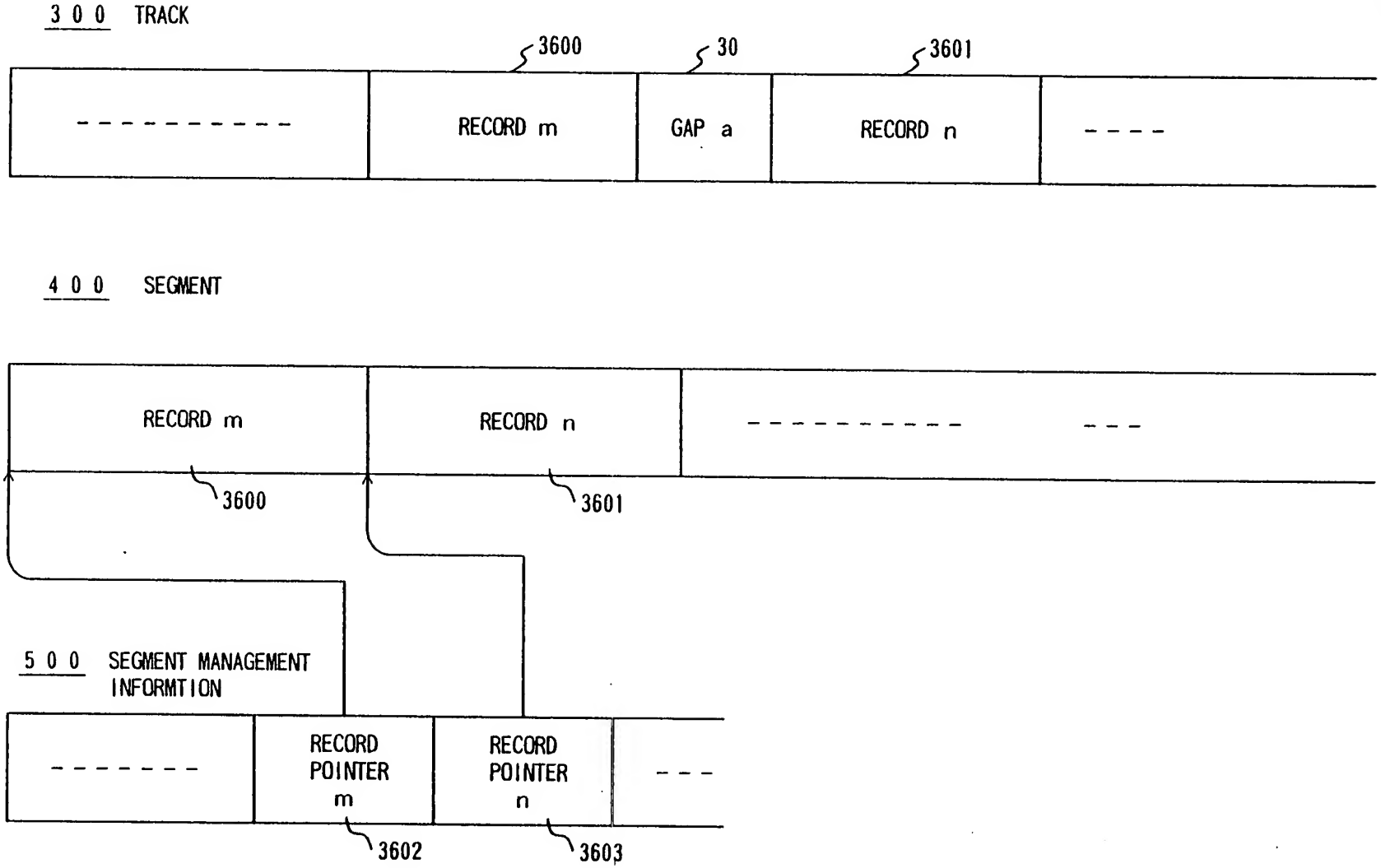


FIG. 42


300 TRACK
3600
30
3601
RECORD m
GAP a
RECORD n
400 SEGMENT
RECORD m
RECORD n
3600
3601
500 SEGMENT MANAGEMENT INFORMTION
RECORD POINTER m
RECORD POINTER n
3602
3603

OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

FIG. 43 A

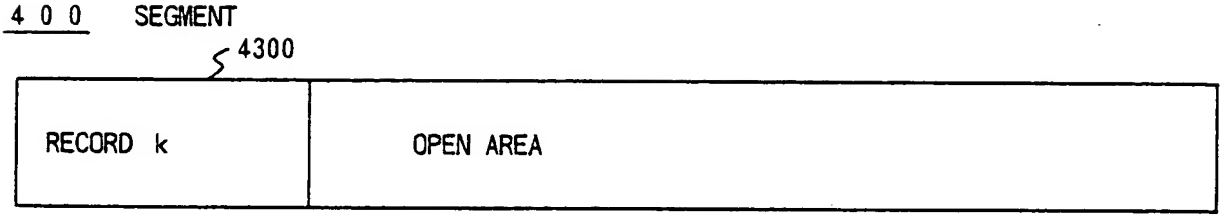


FIG. 43 B

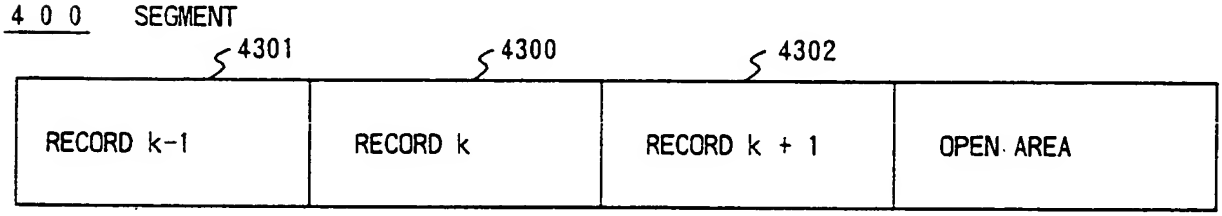
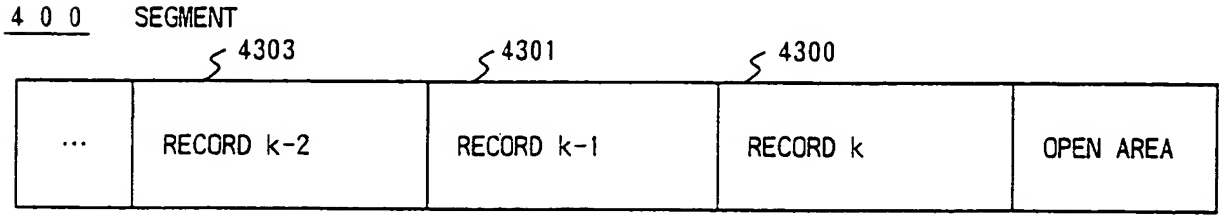
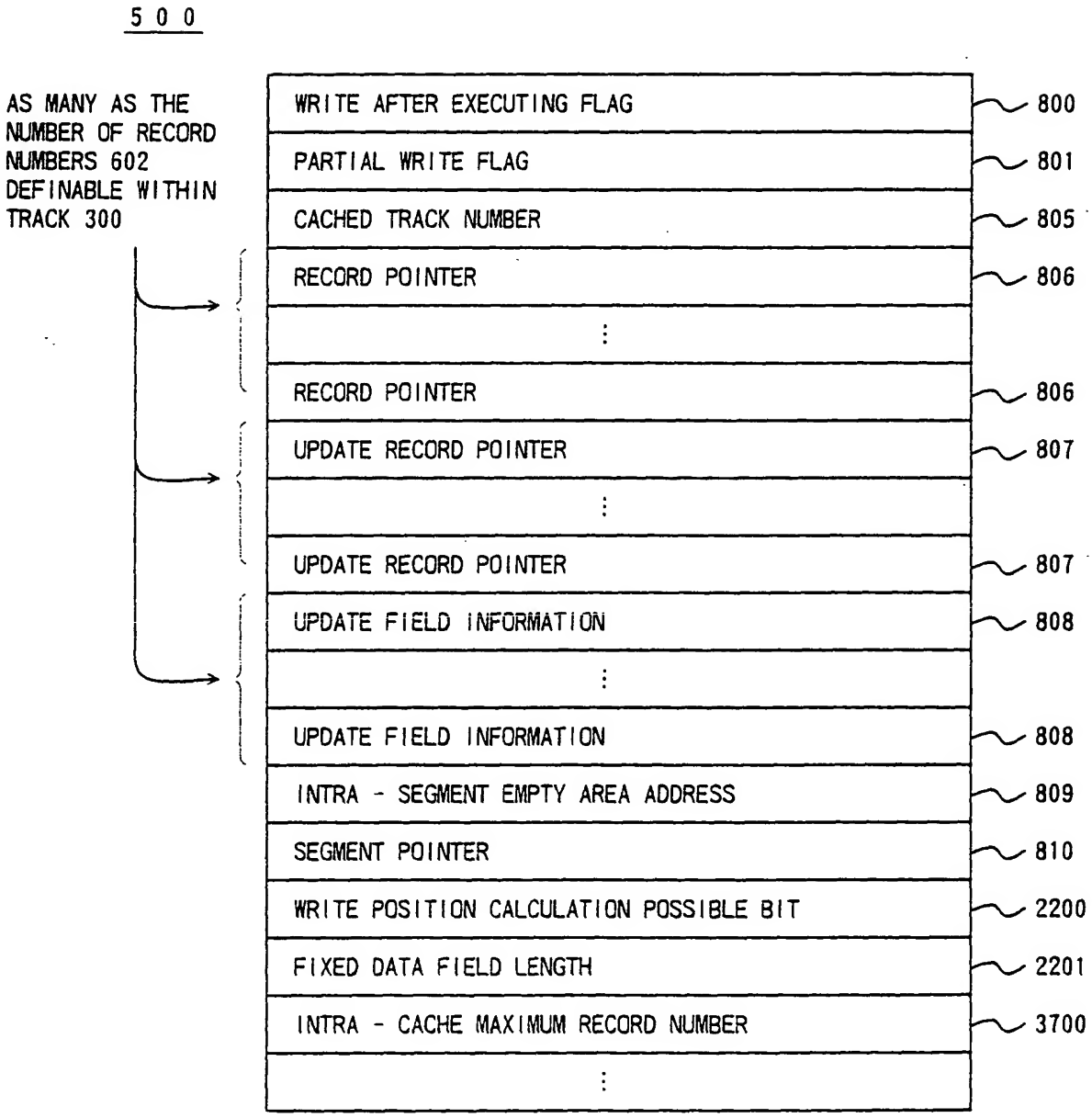


FIG. 43 C



OIPE
AUG 21 2003
JC48
PATENT & TRADEMARK OFFICE

FIG. 44



OIPE
AUG 21 2003
PATENT & TRADEMARK OFFICE
JC48

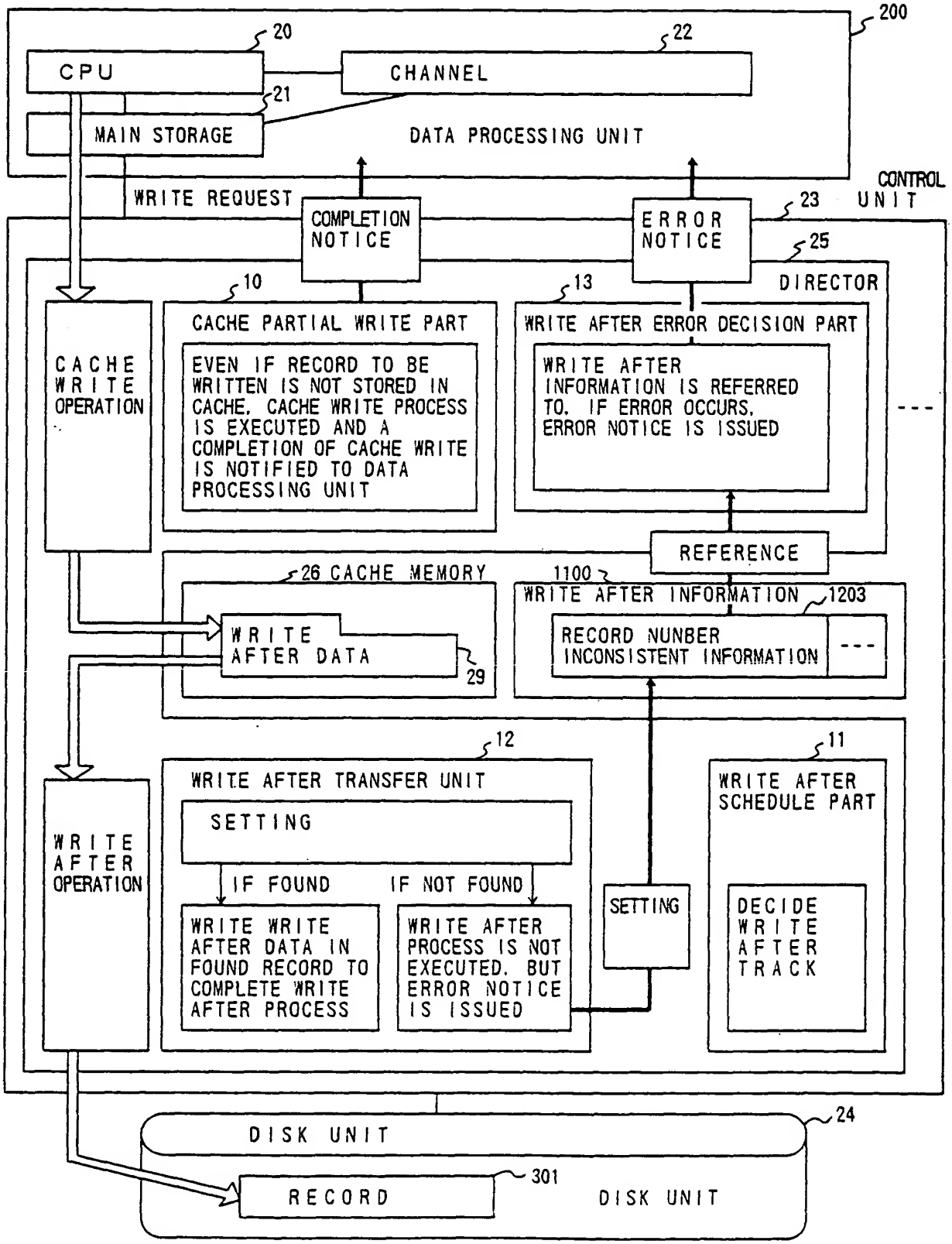



FIG. 45